

# Rescue and Recovery



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## LIFTING BAGS

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# Lifting bags

USER MANUAL



# 1.1

## HIGH-PRESSURE LIFTING BAGS

EXTREMELY DURABLE

FOR LIFTING THE HEAVIEST LOADS

HEAVY DUTY

THIN DESIGN

EXTREME FORCE IN A CONCENTRATED AREA

EN 13731  
NFPA 1936

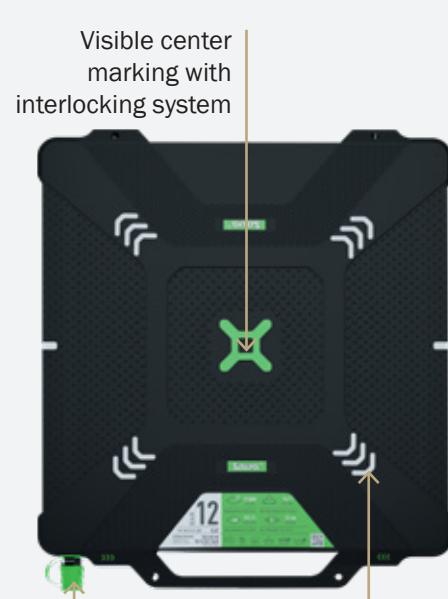


### ADVANTAGES OF OUR NEW GENERATION OF HIGH-PRESSURE LIFTING BAGS



Profiled  
non-slip  
surface

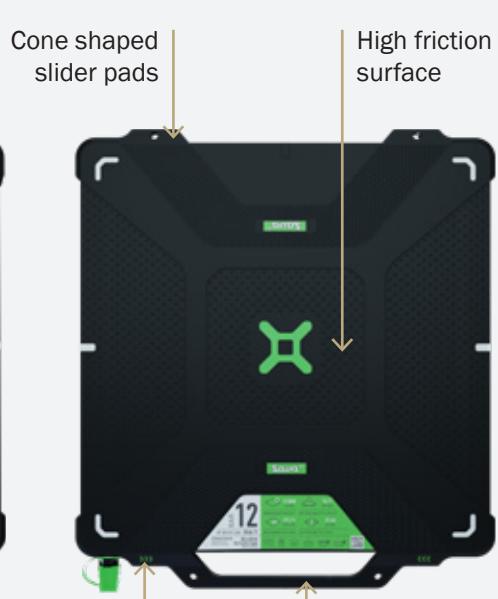
Holes for  
support ropes



Handy position of  
the inflation valve

Visible center  
marking with  
interlocking system

Reflective  
flat area  
markings



Lifting height  
marking

Cone shaped  
slider pads  
High friction  
surface

Integrated  
carrying handle

See more advantages:



15 BAR NOVA

12 BAR VEGA FLAT

12 BAR VEGA

8 BAR FLAT

8 BAR

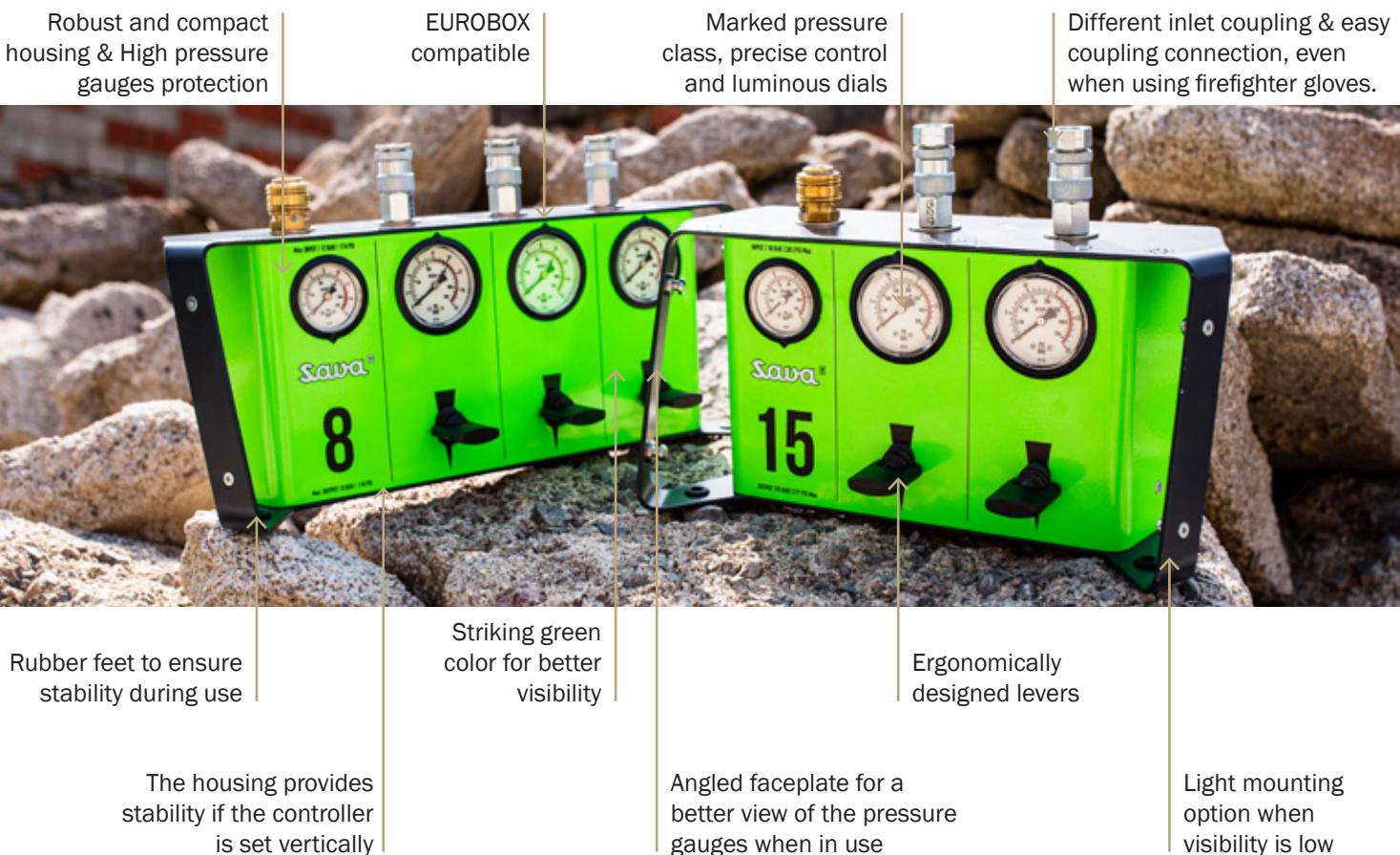
## ADVANTAGES OF THE ACCESSORIES

1.2

### INFLATION HOSES



### CONTROLLER

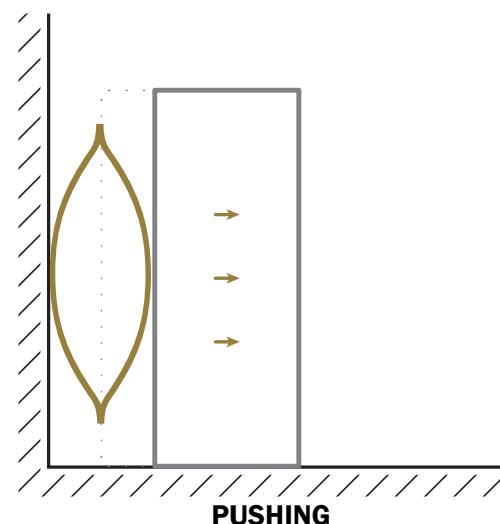
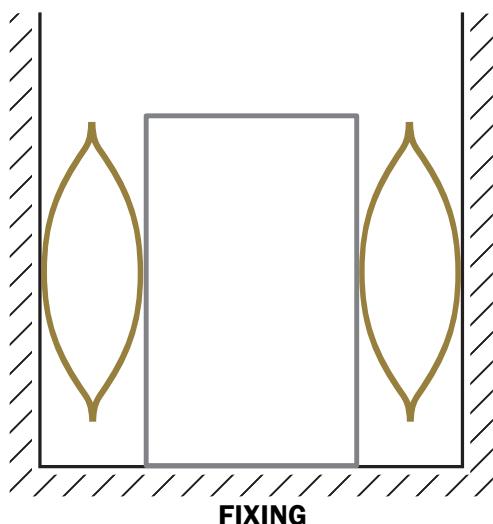
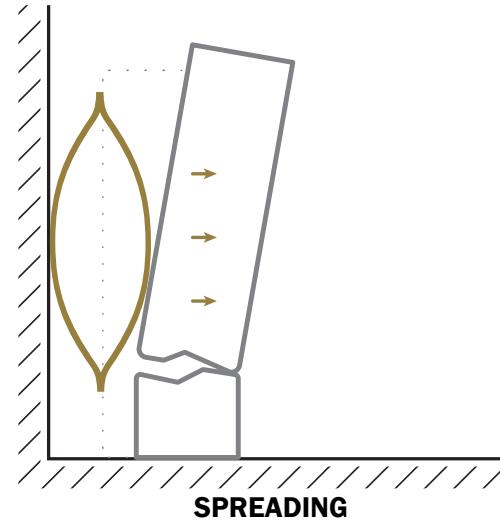
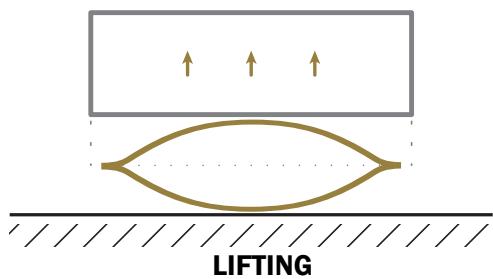


# 1.3

## APPLICATION OF LIFTING BAGS

INFLATION WITH COMPRESSED AIR

INFLATION WITH WATER



### IMPORTANT



Non-compliance with the instructions can result in various injuries.  
Carefully read the instructions for operation before using the lifting bag.

[www.trelleborg.com/en/seals-and-profiles/  
products-and-solutions/rescue-products-and-haz-mat/manuals](http://www.trelleborg.com/en/seals-and-profiles/products-and-solutions/rescue-products-and-haz-mat/manuals)

# HIGH PRESSURE LIFTING BAGS – NOVA AND VEGA

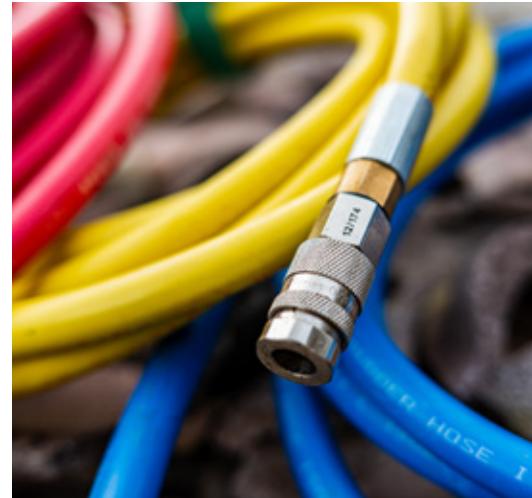
1.4

100 tons  
SUPERIOR LIFTING CAPACITY

SAFETY

EN 13731 NFPA 1936

UX + REVOLUTIONIZED USER EXPERIENCE



DEVELOPED IN PARTNERSHIP WITH EXPERTS



15 BAR NOVA

12 BAR VEGA FLAT

12 BAR VEGA



**1.5**

# HIGH-PRESSURE LIFTING BAGS NOVA

## 15 BAR (218 PSI)



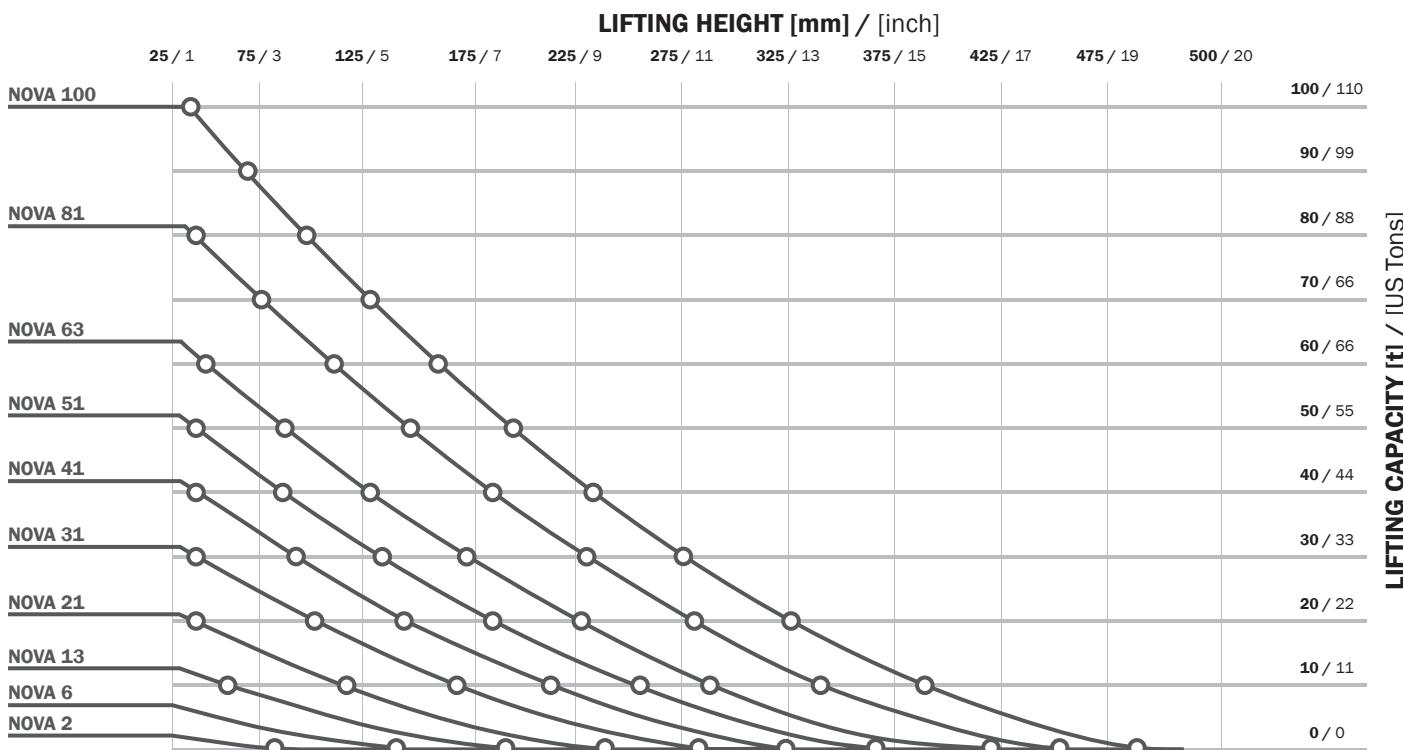
TYPE KD-S

EXTREMELY DURABLE

LIFTING HEIGHT  
MARKINGEN 13731  
NFPA 1936INTERLOCKING  
SYSTEM

## TECHNICAL DATA

| TYPE     | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING<br>PRESSURE<br>[bar] / [psi] | AIR<br>REQUIREMENT<br>[l] / [cu.Ft.] | MAX. LIFTING<br>CAPACITY<br>[t] / [US Tons] | MAX. LIFTING<br>HEIGHT<br>[cm] / [inch] |
|----------|-------------|-------------------------|------------------------|-------------------------|------------------------|--------------------------------------|--------------------------------------|---|---|
|          |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                      |                                      |   |   |
|          |             | [cm] / [inch]           | [cm] / [inch]          | [cm] / [inch]           |                        |                                      |                                      |   |   |
| NOVA 2   | 608061      | 15 / 6"                 | 15 / 6"                | 2.2 / 0.9"              | 0.5 / 1.2              | 15 / 218                             | 5.2 / 0.18                           | 1.7 / 1.9                                   | 8 / 3"                                  |
| NOVA 6   | 608062      | 23.5 / 9.2"             | 23.5 / 9.2"            | 2.3 / 0.9"              | 1.2 / 3                | 15 / 218                             | 25.8 / 0.91                          | 6.2 / 6.8                                   | 13 / 4.9"                               |
| NOVA 13  | 608063      | 32 / 12.6"              | 32 / 12.6"             | 2.5 / 1"                | 2.5 / 5.5              | 15 / 218                             | 73.2 / 2.59                          | 12.3 / 13.5                                 | 17 / 6.9"                               |
| NOVA 21  | 608064      | 40 / 15.7"              | 40 / 15.7"             | 2.5 / 1"                | 4 / 8.8                | 15 / 218                             | 152 / 5.37                           | 20.5 / 22.6                                 | 22 / 8.5"                               |
| NOVA 31  | 608065      | 48 / 18.9"              | 48 / 18.9"             | 2.5 / 1"                | 5.7 / 12.6             | 15 / 218                             | 273.4 / 9.66                         | 31.2 / 34.3                                 | 26 / 10.4"                              |
| NOVA 41  | 608066      | 55 / 22"                | 55 / 22"               | 2.5 / 1"                | 7.5 / 16.5             | 15 / 218                             | 422 / 14.9                           | 41.3 / 45.4                                 | 30 / 11.9"                              |
| NOVA 51  | 608067      | 61 / 24"                | 61 / 24"               | 2.5 / 1"                | 9.3 / 20.5             | 15 / 218                             | 585 / 20.66                          | 51.4 / 56.5                                 | 34 / 13.2"                              |
| NOVA 63  | 608068      | 67 / 26.4"              | 67 / 26.4"             | 2.5 / 1"                | 11.2 / 24.7            | 15 / 218                             | 786 / 27.76                          | 63.2 / 69.5                                 | 37 / 14.4"                              |
| NOVA 81  | 608069      | 76 / 30"                | 76 / 30"               | 2.7 / 1.1"              | 15.5 / 34.2            | 15 / 218                             | 1167 / 41.21                         | 81.5 / 89.7                                 | 41 / 16.3"                              |
| NOVA 100 | 608070      | 84 / 33"                | 84 / 33"               | 2.7 / 1.1"              | 19 / 41.9              | 15 / 218                             | 1595 / 56.33                         | 100.3 / 110.3                               | 46 / 17.9"                              |

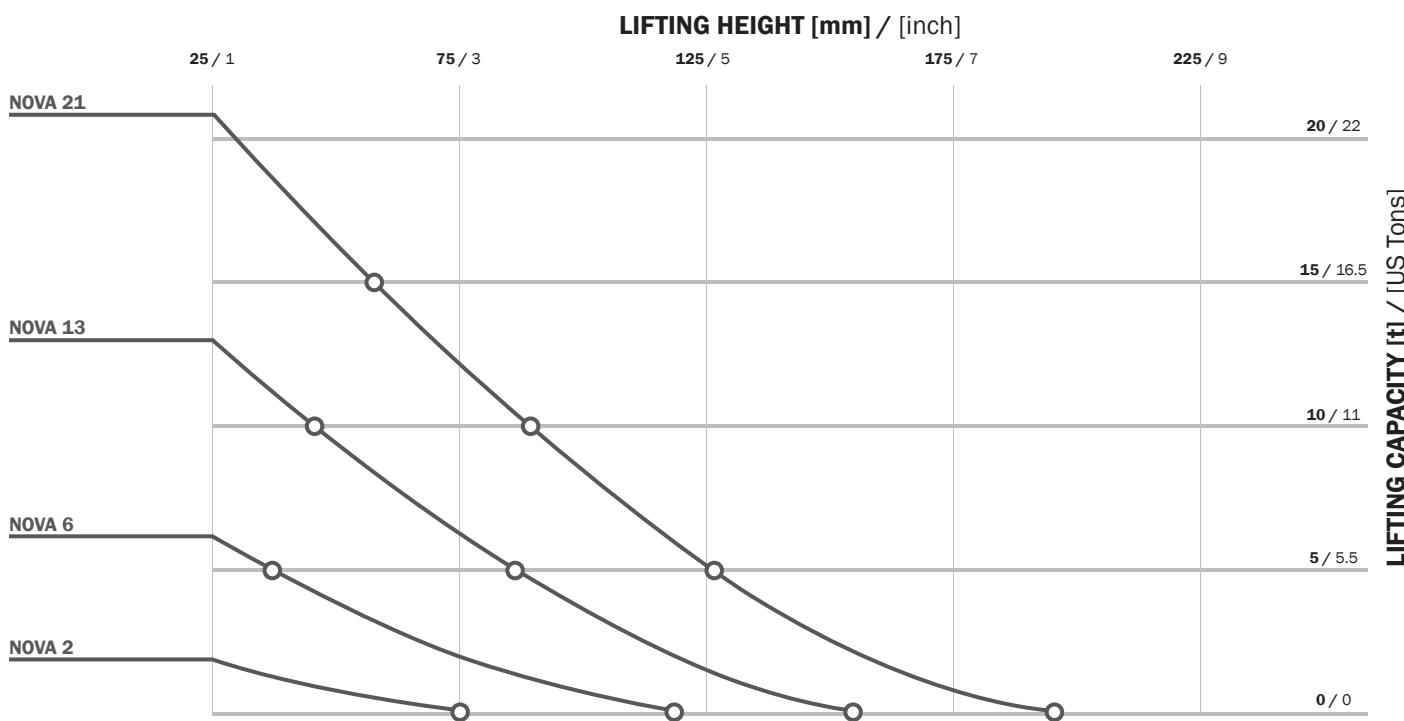




TYPE KD-S

# HIGH-PRESSURE LIFTING BAGS NOVA 15 BAR (218 PSI)

1.5



## ACCESSORIES

### RUBBER INFLATION HOSES



| TYPE   | 5 m (16')        | 10 m (33')     |
|--------|------------------|----------------|
| RED    | 1.5 kg (3.3 lbs) | 3 kg (6.6 lbs) |
| YELLOW | 611195           | 611197         |
| BLUE   | 611191           | 611192         |
| GREY   | 611193           | 611194         |
|        | 611198           | 611199         |

### CONTROLLERS



DOUBLE DEADMAN  
CONTROLLER 2 EXP 15  
15 bar (218 psi)  
3.0 kg (6.6 lbs)  
609799



PROTECTIVE CASE FOR  
EXP CONTROLLERS  
1.2 kg (2.6 lbs)  
613218



PRESSURE REDUCER  
15 bar (218 psi)  
300 bar (4350 psi)  
2.2 kg (4.9 lbs)  
EN - 609794  
CGA - 615247

### OTHER ACCESSORIES



SHUT-OFF + SAFETY  
VALVE  
15 bar (218 psi)  
0.4 kg (0.88 lbs)  
618661

**1.6**

# HIGH-PRESSURE LIFTING BAGS

## VEGA 12 BAR (174 PSI)



TYPE 96 KS

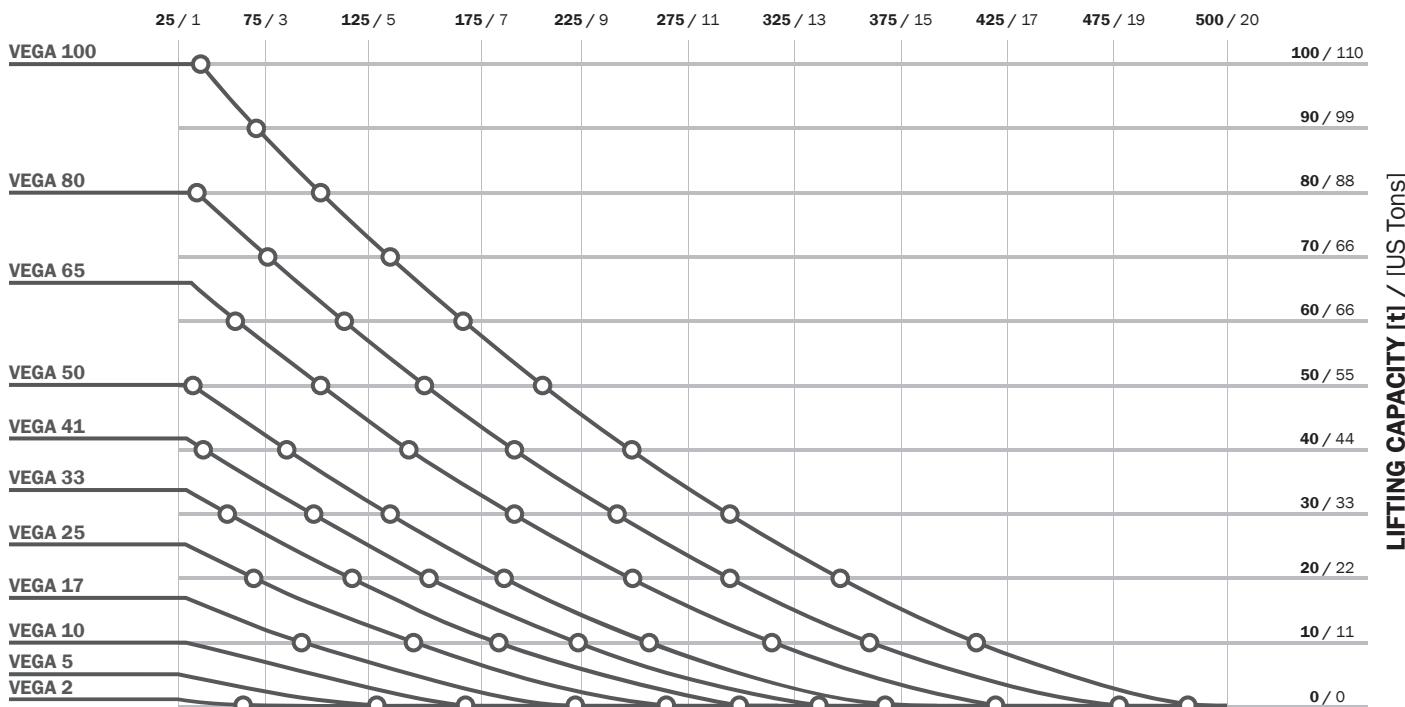
EXTREMELY DURABLE

LIFTING HEIGHT  
MARKINGEN 13731  
NFPA 1936INTERLOCKING  
SYSTEM

## TECHNICAL DATA

| TYPE     | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] | MAX. LIFTING CAPACITY<br>[t] / [US Tons] | MAX. LIFTING HEIGHT<br>[cm] / [inch] |
|----------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|-----------------------------------|--|--------------------------------------|
|          |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   |                                   |  |                                      |
|          |             | [cm] / [inch]           | [cm] / [inch]          | [cm] / [inch]           |                        |                                   |                                   |  |                                      |
| VEGA 2   | 608046      | 15 / 6"                 | 15 / 6"                | 2.2 / 0.9"              | 0.5 / 1.2              | 12 / 174                          | 4.5 / 0.16                        | 1.4 / 1.5                                | 8 / 3"                               |
| VEGA 5   | 608047      | 23.5 / 9.2"             | 23.5 / 9.2"            | 2.3 / 0.9"              | 1.2 / 3                | 12 / 174                          | 22.4 / 0.79                       | 4.9 / 5.4                                | 13 / 4.9"                            |
| VEGA 10  | 608049      | 32 / 12.6"              | 32 / 12.6"             | 2.5 / 1"                | 2.5 / 5.5              | 12 / 174                          | 63.4 / 2.24                       | 10.1 / 11.1                              | 17 / 6.9"                            |
| VEGA 17  | 608050      | 40 / 15.7"              | 40 / 15.7"             | 2.5 / 1"                | 4 / 8.8                | 12 / 174                          | 131.7 / 4.65                      | 16.7 / 18.4                              | 22 / 8.5"                            |
| VEGA 25  | 608051      | 48 / 18.9"              | 48 / 18.9"             | 2.5 / 1"                | 5.7 / 12.6             | 12 / 174                          | 236 / 8.33                        | 25.1 / 27.6                              | 26 / 10.4"                           |
| VEGA 33  | 608052      | 55 / 22"                | 55 / 22"               | 2.5 / 1"                | 7.5 / 16.5             | 12 / 174                          | 365 / 12.89                       | 33.2 / 36.5                              | 30 / 11.9"                           |
| VEGA 41  | 608053      | 61 / 24"                | 61 / 24"               | 2.5 / 1"                | 9.3 / 20.5             | 12 / 174                          | 681 / 24.05                       | 41.2 / 45.3                              | 34 / 13.2"                           |
| VEGA 50  | 608054      | 67 / 26.4"              | 67 / 26.4"             | 2.5 / 1"                | 11.2 / 24.7            | 12 / 174                          | 897 / 31.68                       | 50.2 / 55.2                              | 37 / 14.4"                           |
| VEGA 65  | 608055      | 76 / 30"                | 76 / 30"               | 2.7 / 1.1"              | 15.5 / 34.2            | 12 / 174                          | 1010 / 35.67                      | 65.2 / 71.7                              | 41 / 16.3"                           |
| VEGA 80  | 608056      | 84 / 33"                | 84 / 33"               | 2.7 / 1.1"              | 19 / 41.9              | 12 / 174                          | 1381 / 48.77                      | 80.2 / 88.2                              | 46 / 17.9"                           |
| VEGA 100 | 608057      | 93 / 36.5"              | 93 / 36.5"             | 2.7 / 1.1"              | 23.3 / 51.4            | 12 / 174                          | 1895 / 66.92                      | 100.2 / 110.2                            | 51 / 20.1"                           |

## LIFTING HEIGHT [mm] / [inch]

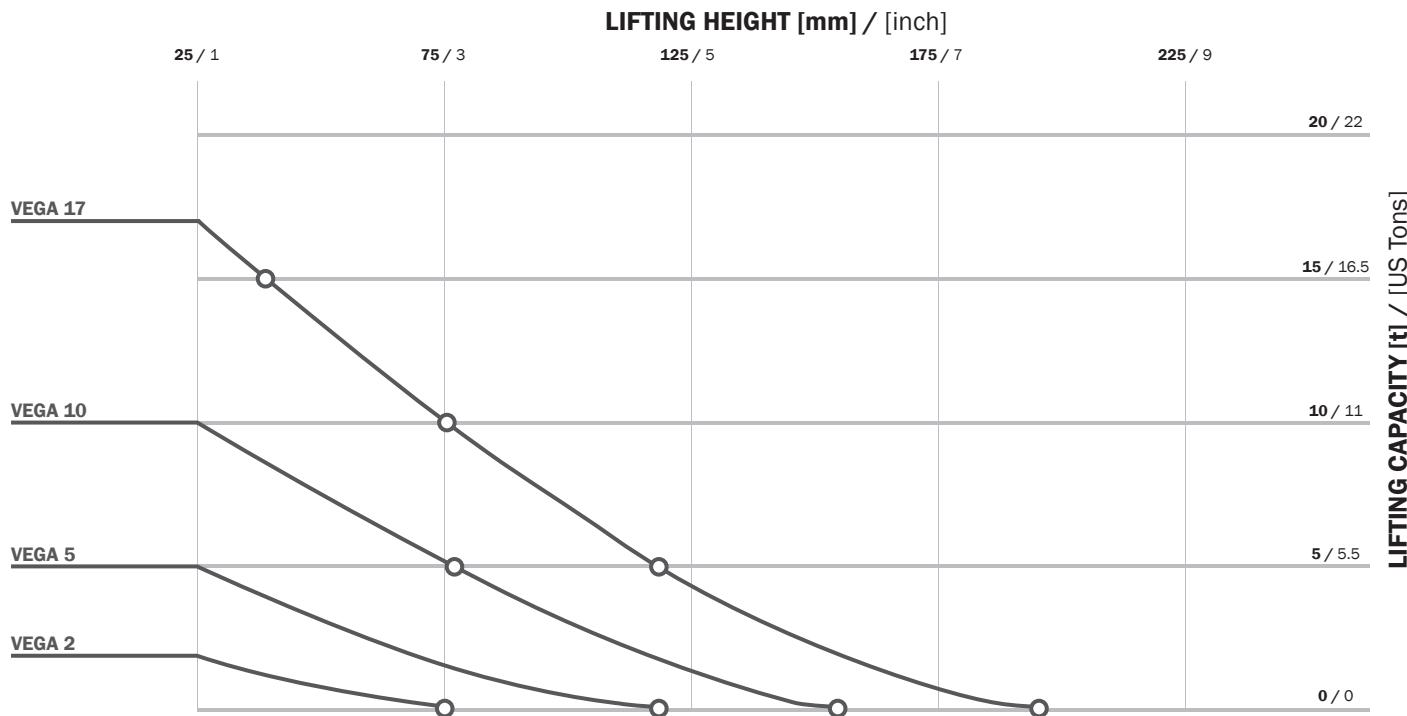




TYPE 96 KS

# HIGH-PRESSURE LIFTING BAGS VEGA 12 BAR (174 PSI)

1.6



## ACCESSORIES

### RUBBER INFLATION HOSES



| TYPE   | 5 m (16')        | 10 m (33')     |
|--------|------------------|----------------|
|        | 0.8 kg (1.8 lbs) | 1.4 kg (3 lbs) |
| RED    | 611187           | 611188         |
| YELLOW | 611183           | 611184         |
| BLUE   | 611185           | 611186         |
| GREY   | 611189           | 611190         |

### CONTROLLERS



**DOUBLE DEADMAN CONTROLLER 2 EXP 12**  
12 bar (174 psi)  
3.0 kg (6.6 lbs)  
609798



**TRIPPLE DEADMAN CONTROLLER 3 EXP 12**  
12 bar (174 psi)  
4.0 kg (8.8 lbs)  
609802

\*usage with the flat bag only



**HAND-HELD DOUBLE DEADMAN CONTROLLER**  
12 bar (174 psi)  
1.6 kg (3.6 lbs)  
602177



**PROTECTIVE CASE FOR EXP CONTROLLERS**  
1.2 kg (2.6 lbs)  
613218



**SHUT-OFF + SAFETY VALVE**  
12 bar (174 psi)  
0.4 kg (0.88 lbs)  
602179



**PRESSURE REDUCER**  
12 bar (174 psi)  
300 bar (4350 psi)  
2.2 kg (4.9 lbs)  
EN - 615148  
CGA - 615246



**SMALL STAGE REGULATOR CGA, WITH 6' YELLOW SUPPLY HOSE ATTACHED**  
12 bar (174 psi)  
0.4 kg (0.88 lbs)  
Reg 174 psi - SH6



**PRESSURE REGULATOR CGA 6000 PSI WITH CGA 347 WITH 6' YELLOW HOSE**  
2.2 kg (4.9 lbs)  
72128-1-SH6

**1.7**

# HIGH-PRESSURE LIFTING BAGS

## VEGA FLAT 12 BAR (174 PSI)

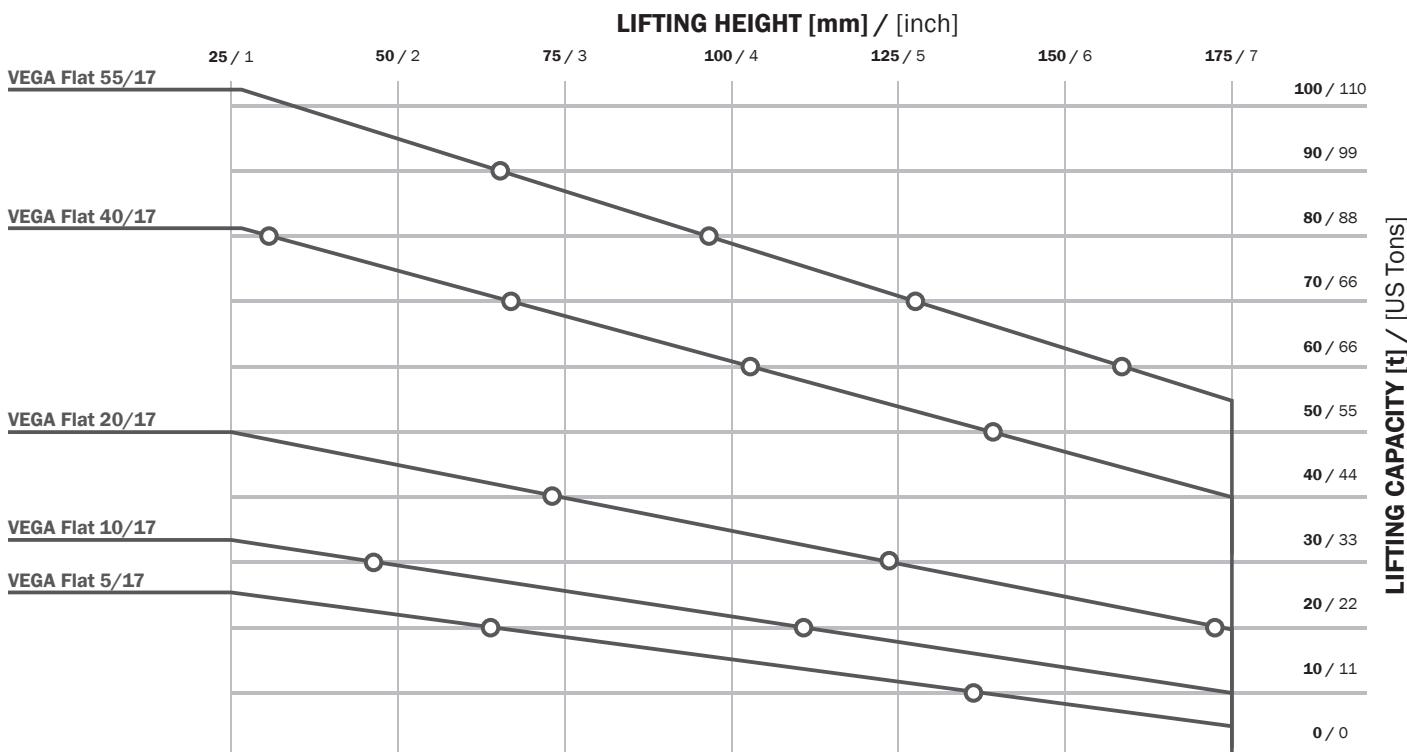


TYPE 96 KS

STACKABLE  
UP TO 3 BAGSSUPERB  
STABILITYEN 13731  
NFPA 1936INTERLOCKING  
SYSTEM

## TECHNICAL DATA

| TYPE            | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] | MAX. LIFTING CAPACITY<br>[t] / [US Tons] | MAX. LIFTING HEIGHT<br>[cm] / [inch] | MAX. LIFTING CAPACITY AT MAX. LIFTING HEIGHT<br>[t] / [US Tons] |
|-----------------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|-----------------------------------|--|--------------------------------------|---|
|                 |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   |                                   |  |                                      |   |
|                 |             | [cm] / [inch]           | [cm] / [inch]          | [cm] / [inch]           |                        |                                   |                                   |  |                                      |   |
| VEGA Flat 5/17  | 616671      | 48 / 18.9"              | 48 / 18.9"             | 2.5 / 1"                | 6.6 / 14.6             | 12 / 174                          | 236 / 8.33                        | 24.7 / 27.2                              | 17 / 6.7"                            | 5.0 / 5.5   |
| VEGA Flat 10/17 | 616672      | 55 / 21.6"              | 55 / 21.6"             | 2.5 / 1"                | 8.6 / 19.0             | 12 / 174                          | 365 / 12.89                       | 33.2 / 36.5                              | 17 / 6.7"                            | 10.0 / 11.0   |
| VEGA Flat 20/17 | 616673      | 67 / 26.4"              | 67 / 26.4"             | 2.5 / 1"                | 12.3 / 27.1            | 12 / 174                          | 897 / 31.68                       | 50.2 / 55.2                              | 17 / 6.7"                            | 20.0 / 22.0   |
| VEGA Flat 40/17 | 616674      | 84 / 33"                | 84 / 33"               | 2.7 / 1.1"              | 21.1 / 46.5            | 12 / 174                          | 1381 / 48.77                      | 80.2 / 88.2                              | 17 / 6.7"                            | 40.0 / 44.0   |
| VEGA Flat 55/17 | 616675      | 93 / 36.5"              | 93 / 36.5"             | 2.7 / 1.1"              | 27.5 / 60.6            | 12 / 174                          | 1895 / 66.92                      | 100.2 / 110.2                            | 17 / 6.7"                            | 55.0 / 60.5   |





TYPE 25 SAFETY

# HIGH-PRESSURE LIFTING BAGS

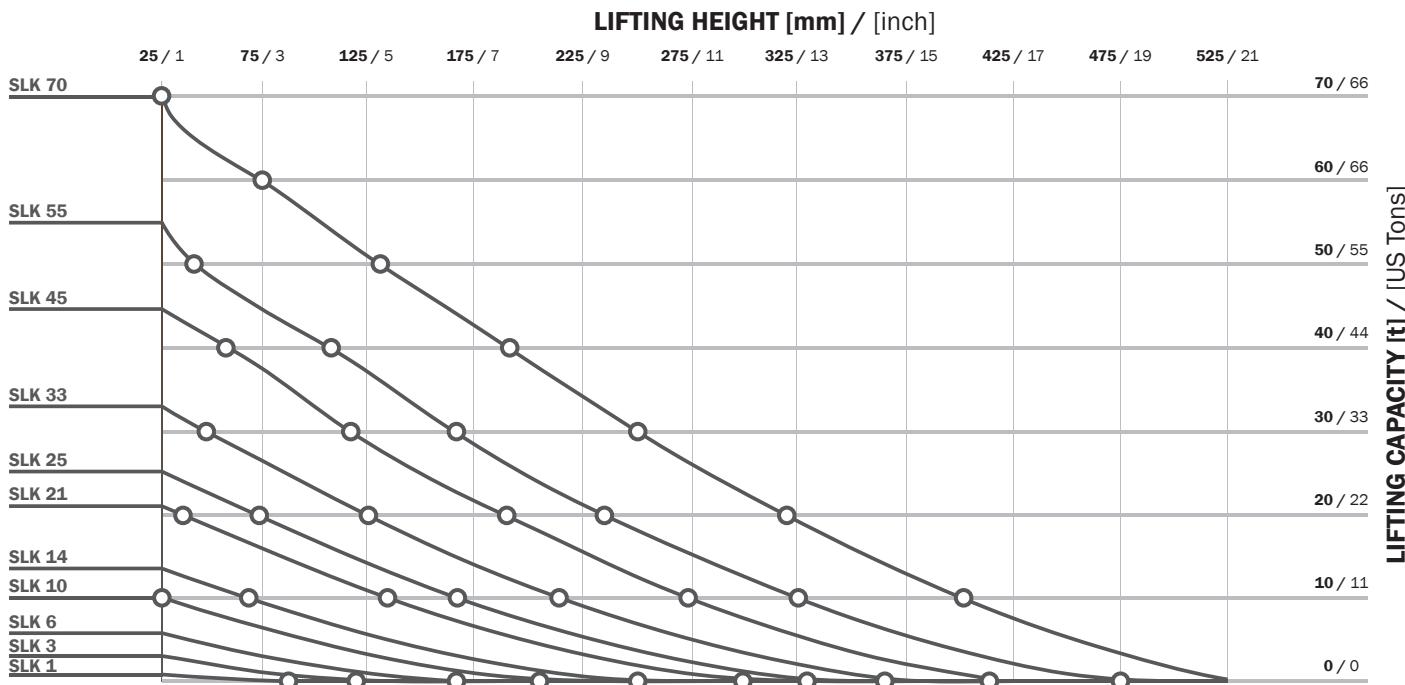
## 8 BAR (116 PSI)

1.8

STACKABLE  
UP TO 2 BAGSEXTRA  
DURABLEEN 13731  
NFPA 1936THIN  
DESIGN

## TECHNICAL DATA

| TYPE   | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING<br>PRESSURE<br>[bar] / [psi] | AIR<br>REQUIREMENT<br>[l] / [cu./Ft.] | MAX. LIFTING<br>CAPACITY<br>[t] / [US Tons] | MAX. LIFTING<br>HEIGHT<br>[cm] / [inch] |
|--------|-------------|-------------------------|------------------------|-------------------------|------------------------|--------------------------------------|---------------------------------------|---|---|
|        |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                      |                                       |   |   |
|        |             | [cm] / [inch]           | [cm] / [inch]          | [cm] / [inch]           |                        |                                      |                                       |   |   |
| SLK 1  | 77973       | 15 / 6"                 | 15 / 6"                | 2.5 / 1"                | 0.55 / 1.2             | 8 / 116                              | 5 / 0.2                               | 1.1 / 1.2                                   | 8 / 3.1"                                |
| SLK 3  | 77974       | 22.5 / 9"               | 22.5 / 9"              | 2.5 / 1"                | 1.25 / 3               | 8 / 116                              | 15 / 0.5                              | 2.7 / 3                                     | 13 / 5.1"                               |
| SLK 6  | 77975       | 30 / 12"                | 30 / 12"               | 2.5 / 1"                | 2 / 4                  | 8 / 116                              | 42 / 1.5                              | 5.5 / 6.1                                   | 16 / 6.3"                               |
| SLK 10 | 76734       | 38 / 15"                | 38 / 15"               | 2.5 / 1"                | 3.5 / 8                | 8 / 116                              | 86 / 3.0                              | 10.1 / 11.1                                 | 21 / 8.3"                               |
| SLK 14 | 76735       | 45 / 18"                | 45 / 18"               | 2.5 / 1"                | 5 / 11                 | 8 / 116                              | 152 / 5.4                             | 13.5 / 14.9                                 | 25 / 9.8"                               |
| SLK 21 | 76736       | 55 / 22"                | 55 / 22"               | 2.5 / 1"                | 7 / 15                 | 8 / 116                              | 296 / 10.5                            | 21.1 / 23.2                                 | 30 / 11.8"                              |
| SLK 25 | 76737       | 61 / 24"                | 61 / 24"               | 2.5 / 1"                | 9 / 20                 | 8 / 116                              | 416 / 14.7                            | 25.2 / 27.7                                 | 34 / 13.4"                              |
| SLK 33 | 76738       | 69 / 27"                | 69 / 27"               | 2.5 / 1"                | 11 / 24                | 8 / 116                              | 621 / 21.9                            | 33 / 36.3                                   | 38 / 15"                                |
| SLK 45 | 76739       | 78 / 31"                | 78 / 31"               | 2.5 / 1"                | 14 / 31                | 8 / 116                              | 921 / 32.5                            | 44.6 / 49.1                                 | 42 / 16.5"                              |
| SLK 55 | 76794       | 87 / 34"                | 87 / 34"               | 2.5 / 1"                | 18 / 40                | 8 / 116                              | 1305 / 46.1                           | 55 / 60.5                                   | 47 / 18.5"                              |
| SLK 70 | 573241      | 94.5 / 37"              | 94.5 / 37"             | 2.6 / 1"                | 22.5 / 50              | 8 / 116                              | 1505 / 53.2                           | 70.4 / 77.4                                 | 52 / 20.5"                              |



**1.8**

# HIGH-PRESSURE LIFTING BAGS

## 8 BAR (116 PSI)



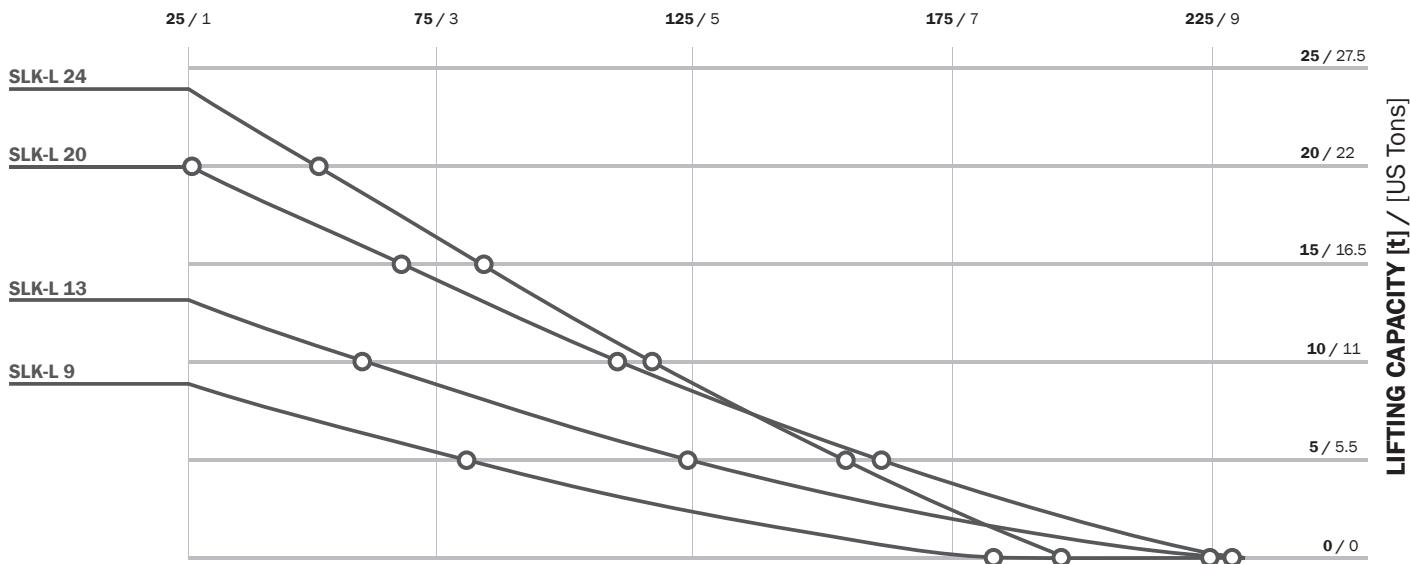
TYPE 25 SAFETY

STACKABLE  
UP TO 2 BAGSNARROW  
DESIGNEN 13731  
NFPA 1936EASY  
MANIPULATION

## TECHNICAL DATA

| TYPE     | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] | MAX. LIFTING CAPACITY<br>[t] / [US Tons] | MAX. LIFTING HEIGHT<br>[cm] / [inch] |
|----------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|-----------------------------------|--|--------------------------------------|
|          |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   |                                   |  |                                      |
|          |             | [cm] / [inch]           | [cm] / [inch]          | [cm] / [inch]           |                        |                                   |                                   |  |                                      |
| SLK-L 9  | 519833      | 45 / 18"                | 30 / 12"               | 2.5 / 1"                | 3.3 / 7.3              | 8 / 116                           | 95 / 3.4                          | 8.9 / 9.8                                | 19 / 7.5"                            |
| SLK-L 13 | 519834      | 50 / 20"                | 37.5 / 15"             | 2.5 / 1"                | 4.5 / 10               | 8 / 116                           | 170 / 6.0                         | 13.2 / 14.5                              | 23 / 9.1"                            |
| SLK-L 20 | 519837      | 75 / 30"                | 37.5 / 15"             | 2.5 / 1"                | 6.5 / 14.3             | 8 / 116                           | 270 / 9.5                         | 20.2 / 22.2                              | 23 / 9.1"                            |
| SLK-L 24 | 77983       | 102 / 40"               | 32 / 13"               | 2.5 / 1"                | 7.8 / 17.2             | 8 / 116                           | 220 / 7.8                         | 24 / 26.4                                | 20 / 7.9"                            |

## LIFTING HEIGHT [mm] / [inch]





TYPE 25 SAFETY

# HIGH-PRESSURE LIFTING FLAT BAGS

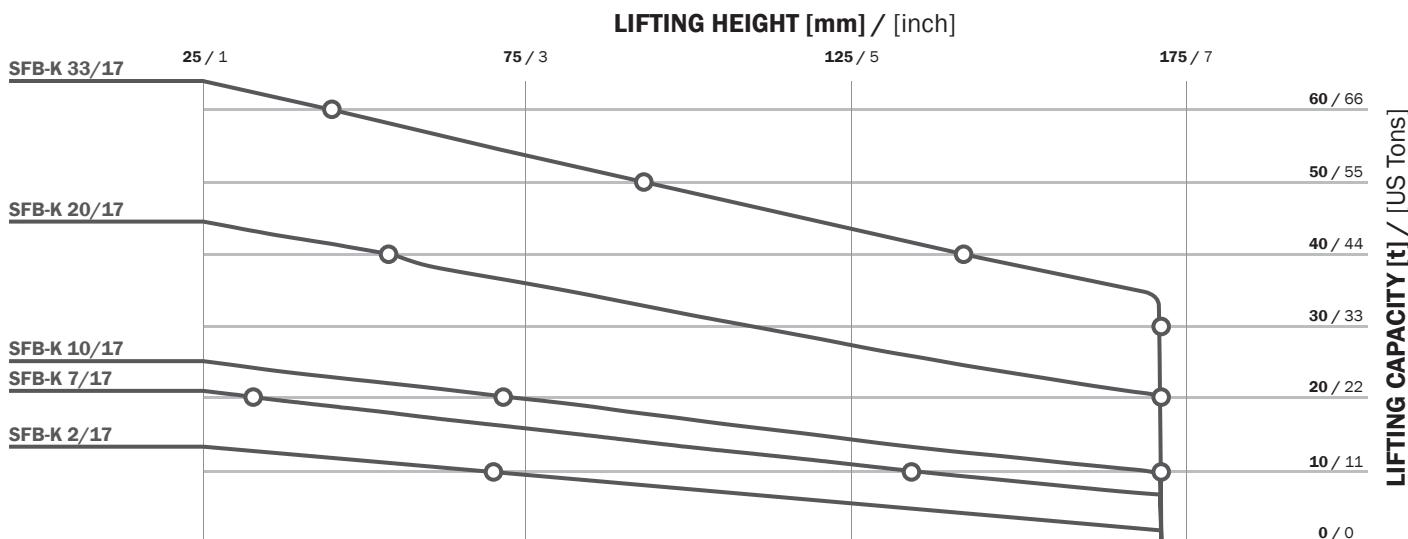
## 8 BAR (116 PSI)

1.9

STACKABLE  
UP TO 3 BAGSSUPERB  
STABILITYEN 13731  
NFPA 1936FLAT  
SURFACE

## TECHNICAL DATA

| TYPE        | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] | MAX. LIFTING CAPACITY<br>[t] / [US Tons] | MAX. LIFTING HEIGHT<br>[cm] / [inch] | MAX. LIFTING CAPACITY AT MAX. LIFTING HEIGHT<br>[t] / [US Tons] |
|-------------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|-----------------------------------|--|--------------------------------------|---|
|             |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   |                                   |  |                                      |   |
|             |             | [cm] / [inch]           | [cm] / [inch]          | [cm] / [inch]           |                        |                                   |                                   |  |                                      |   |
| SFB-K 2/17  | 282314      | 45 / 18"                | 45 / 18"               | 2.5 / 1"                | 5.1 / 11.3             | 8 / 116                           | 200 / 7.1                         | 13.5 / 14.9                              | 17 / 6.7                             | 2.3 / 2.5   |
| SFB-K 7/17  | 519883      | 55 / 22"                | 55 / 22"               | 2.5 / 1"                | 7.3 / 16               | 8 / 116                           | 224 / 7.9                         | 21.1 / 23.2                              | 17 / 6.7                             | 6.7 / 7.4   |
| SFB-K 10/17 | 519884      | 61 / 24"                | 61 / 24"               | 2.5 / 1"                | 9.2 / 20               | 8 / 116                           | 350 / 12.4                        | 25.2 / 27.7                              | 17 / 6.7                             | 9.5 / 10.5  |
| SFB-K 20/17 | 519885      | 78 / 31"                | 78 / 31"               | 2.5 / 1"                | 14.5 / 32              | 8 / 116                           | 520 / 18.4                        | 44.6 / 49.1                              | 17 / 6.7                             | 20.2 / 22.2   |
| SFB-K 33/17 | 519886      | 91.5 / 36"              | 91.5 / 36"             | 2.5 / 1"                | 20.6 / 45              | 8 / 116                           | 810 / 28.6                        | 64 / 70.4                                | 17 / 6.7                             | 33.3 / 36.6   |



## ACCESSORIES

(SUITABLE FOR FLAT BAGS ONLY)



TRIPLE DEADMAN  
CONTROLLER 3 EXP 8  
8 bar (116 psi)  
4.0 kg (8.8 lbs)  
609800



SET OF TRIPLE FLAT  
BAG CONNECTORS,  
ORANGE  
(4 PCS PER SET)  
0.6 kg (1.3 lbs)  
530545



SET OF DUAL FLAT BAG  
CONNECTORS, YELLOW  
(4 PCS PER SET)  
0.4 kg (0.88 lbs)  
529480

# ACCESSORIES FOR HIGH-PRESSURE LIFTING BAGS

## 8 BAR (116 PSI)

### RUBBER INFLATION HOSES



| TYPE   | 5 m (16')        | 10 m (33')     |
|--------|------------------|----------------|
|        | 0.8 kg (1.8 lbs) | 1.4 kg (3 lbs) |
| RED    | 611163           | 611164         |
| YELLOW | 611156           | 611160         |
| BLUE   | 611161           | 611162         |
| GREY   | 611165           | 611166         |

### CONTROLLERS



**SINGLE FITTING CONTROLLER**  
8 bar (116 psi)  
0.9 kg (2 lbs)  
76681



**DOUBLE FITTING CONTROLLER**  
8 bar (116 psi)  
2.0 kg (4.4 lbs)  
76682



**HAND-HELD DOUBLE DEADMAN CONTROLLER**  
8 bar (116 psi)  
1.6 kg (3.5 lbs)  
519820



**DOUBLE DEADMAN CONTROLLER**  
2 EXP 8  
8 bar (116 psi)  
3.0 kg (6.6 lbs) 609796



**RUBBER HOSE WITH SHUT-OFF VALVE**  
8 bar (116 psi)  
2 m (6.6') 10 m (33')  
0.9 kg (2 lbs) 3.3 kg (7.3 lbs)  
615212 615273



**FOOT PUMP 8 bar**  
(116 psi)  
3 kg (6.6 lbs)  
615206



**INFLATION DISTRIBUTOR WITH 2x2 m RUBBER HOSES**  
2 m (6.6')  
1.5 kg (3.3 lbs)  
615224



**RUBBER HOSE WITH SHUT-OFF + SAFETY VALVE**  
8 bar (116 psi)  
2 m (6.6') 10 m (33')  
2.2 kg (4.8 lbs) 3.5 kg (7.7 lbs)  
615274 615215



**SHUT-OFF + SAFETY VALVE**  
8 bar (116 psi)  
0.4 kg (0.88 lbs)  
519051



**PRESSURE REDUCER**  
8 bar (116 psi)  
200/300 bar  
(2900/4350 psi)  
2.2 kg (4.9 lbs)  
EN - 615155  
CGA - 596586



**SINGLE STAGE REGULATOR CGA, WITH 6' YELLOW SUPPLY HOSE ATTACHED**  
8 - 10 bar (116 - 145 psi)  
0.4 kg (0.88 lbs)  
Reg 116-145 psi - SH6



**PRESSURE REGULATOR CGA 6000 PSI WITH CGA 347 WITH 6' YELLOW HOSE**  
2.2 kg (4.9 lbs)  
72128-1-SH6

### MINI LIFTING SET



**PORTABLE CASE**  
528871

**COMPRESSED AIR CYLINDER**  
523002

**SLK 1**  
77973

**SLK 3**  
77974

**SLK 6**  
77975

**YELLOW HOSE**  
611156

**SPECIAL PRESSURE REDUCER SYSTEM**  
523000

8 BAR FLAT

8 BAR

Inflation accessories have been designed for precision control, high reliability and long life.  
They are used with all of our lifting bags – from the source of air to controllers.



**COMPRESSED AIR CYLINDER**  
300 bar (4350 psi),  
6l (366 cu.in.)  
**9.0 kg** (20 lbs) 528746



**CARRY-ON VALISE FOR COMPRESSED AIR CYLINDER**  
**0.1 kg** (2.2 lbs) 519811



**UNIVERSAL CONNECTOR KIT**  
**0.2 kg** (0.44 lbs)  
519809



**TRUCK TYRE VALVE CONNECTION**  
**0.1 kg** (2.2 lbs)  
519806



**TRUCK TYRE VALVE**  
**0.05 kg** (0.11 lbs)  
519805



**COMPRESSED AIR MAIN**  
**0.05 kg** (0.11 lbs)  
519808



**TRUCK TYRE INFLATOR ADAPTER**  
**0.05 kg** (0.11 lbs)  
519807



**DUAL CONNECTOR FOR COMPRESSED AIR CYLINDERS**  
**1.00 kg** (2.2 lbs)  
529383



**TRIPLE CONNECTOR FOR COMPRESSED AIR CYLINDERS**  
**1.2 kg** (2.6 lbs)  
529384



**TRUCK COMPRESSED AIR CONNECTION**  
**0.4 kg** (0.88 lbs)  
529005



**TRUCK COMPRESSED AIR CONNECTION-BLIND COUPLING**  
**0.5 kg** (1.1 lbs)  
529006



**ADAPTER FOR CONSTRUCTION SITE COMPRESSOR**  
**0.2 kg** (0.44 lbs)  
529704



**RIGID LOADING PLATES**  
**RIGID LOADING PLATE #350** 556308  
**3.5 kg** (7.7 lbs)  
**RIGID LOADING PLATE #420** 556309  
**5.0 kg** (11 lbs)  
**RIGID LOADING PLATE #520** 556310  
**7.5 kg** (16.5 lbs)  
**RIGID LOADING PLATE #670** 556311  
**13.0 kg** (29 lbs)

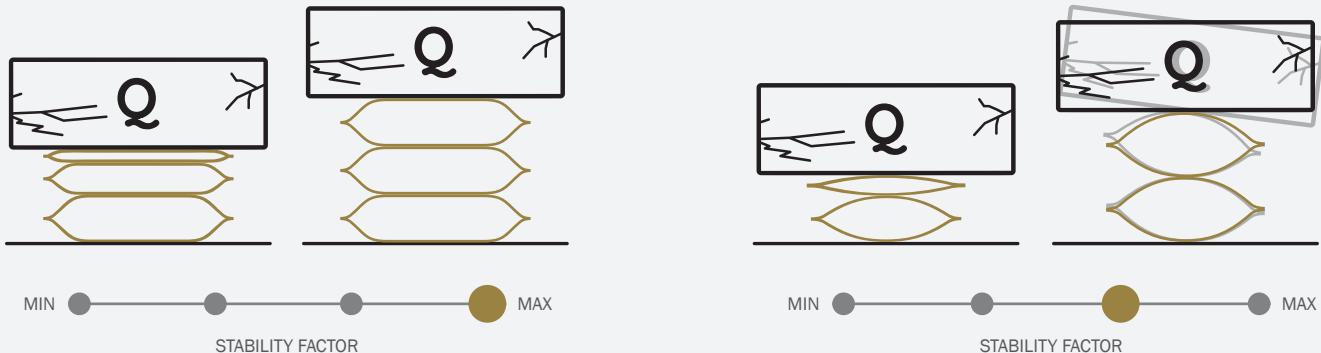
**FLEXIBLE LOADING PLATES**  
**FLEXIBLE LOADING PLATE #350** 615931  
**2.6 kg** (5.73 lbs)  
**FLEXIBLE LOADING PLATE #420** 615928  
**3.7 kg** (8.16 lbs)  
**FLEXIBLE LOADING PLATE #520** 605750  
**5.0 kg** (11.02 lbs)  
**FLEXIBLE LOADING PLATE #670** 615930  
**9.9 kg** (21.83 lbs)

All above accessories are suitable for EU market,  
US versions available upon request.

APPLICABLE FOR ALL LIFTING BAGS

## ADVANTAGES OF FLAT BAGS

### INCREASED SAFETY THROUGH HIGHER STABILITY



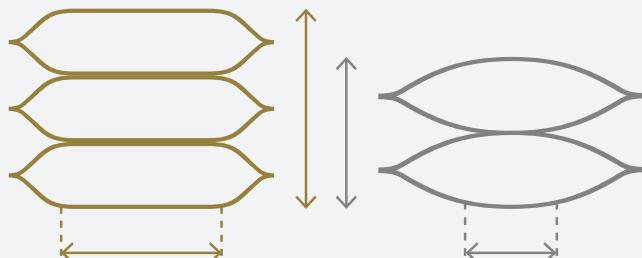
### GREATER LIFTING CAPACITY AT HIGHER LIFTING HEIGHTS

**Triple Power:** Experience the comfort of stacking 3 lifting bags at once.

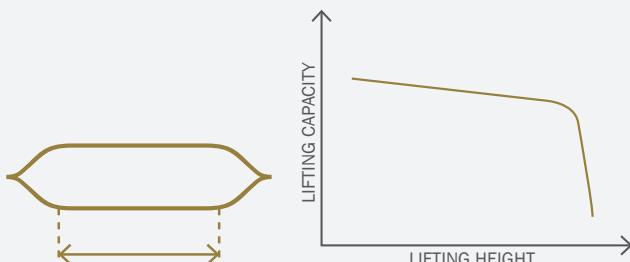
**Boosted Stability:** Expanded contact surface between lifting bags and the load for reduced tilt risk.

The increased contact surface allows you to use three flat bags simultaneously.

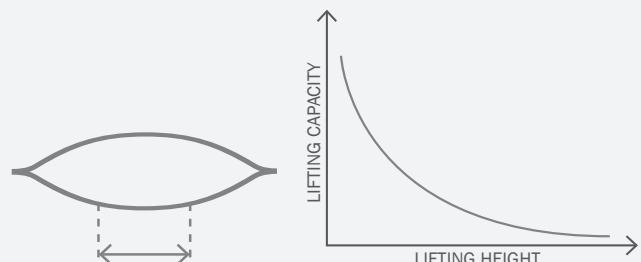
This innovation enables you to achieve a higher lift capacity, even at greater heights!



### SIMPLIFIED BAG SELECTION



Lifting capacity is stable through entire lifting height.

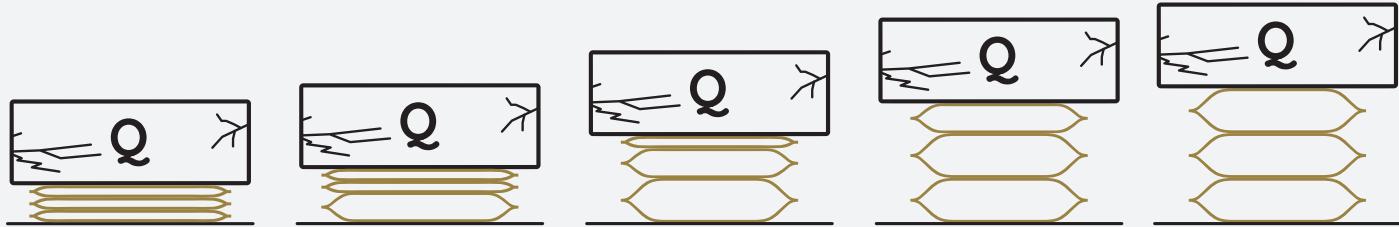


Lifting capacity is dependent on lifting height.

## ADVANTAGES OF FLAT BAGS

1.12

SIMPLE STACKING AND  
INFLATION PROCEDURE



**1.13**

# MEDIUM-PRESSURE LIFTING BAGS

## 1.0 BAR (14.5 PSI)



TYPE GEKA

**PERFECT PERFORMANCE  
ON SOFT GROUNDS**



**SUITABLE  
FOR HIGH LIFTS**



**MADE FROM EXTRA  
DURABLE MATERIALS**

**EXTRA FAST INFLATION  
AND DEFLATION**

### TECHNICAL DATA

| TYPE      | PART NUMBER | DIMENSIONS       |               | WEIGHT          | WORKING PRESSURE  | NOMINAL CONTENT  | AIR REQUIREMENT  | MAX LIFTING CAPACITY | MAX. LIFTING HEIGHT | INFLATION VALVE |
|-----------|-------------|------------------|---------------|-----------------|-------------------|------------------|------------------|----------------------|---------------------|-----------------|
|           |             | DIAMETER         | HEIGHT        |                 |                   |                  |                  |                      |                     |                 |
|           |             | [cm] / [inch]    | [cm] / [inch] |                 | [kg] / [lbs]      | [bar] / [psi]    | [l] / [cu.Ft.]   | [l] / [cu.Ft.]       | [cm] / [inch]       |                 |
| <b>MA</b> | 521478      | <b>61 / 24"</b>  | <b>5 / 2"</b> | <b>7.5 / 17</b> | <b>1.0 / 14.5</b> | <b>126 / 4</b>   | <b>251 / 9</b>   | <b>3 / 3.3</b>       | <b>43 / 17"</b>     | R 3/8" - male   |
| <b>MB</b> | 521479      | <b>76 / 30"</b>  | <b>5 / 2"</b> | <b>12 / 27</b>  | <b>1.0 / 14.5</b> | <b>268 / 9</b>   | <b>535 / 19</b>  | <b>4.7 / 5.2</b>     | <b>59 / 23"</b>     | R 3/8" - male   |
| <b>MC</b> | 521481      | <b>91 / 36"</b>  | <b>5 / 2"</b> | <b>15 / 33</b>  | <b>1.0 / 14.5</b> | <b>397 / 14</b>  | <b>793 / 28</b>  | <b>6.7 / 7.4</b>     | <b>61 / 24"</b>     | R 3/8" - male   |
| <b>MD</b> | 521482      | <b>122 / 48"</b> | <b>8 / 3"</b> | <b>35 / 77</b>  | <b>1.0 / 14.5</b> | <b>1168 / 41</b> | <b>2337 / 83</b> | <b>12 / 13.2</b>     | <b>100 / 39"</b>    | R 3/8" - male   |

### ACCESSORIES

#### CONTROLLERS



##### SINGLE FITTING CONTROLLER

**1.0 bar** (14.5 psi)  
**1.0 kg** (2.2 lbs)  
551503

#### INFLATION HOSES



**TYPE** **5 m (16')** **10 m (33')**

**RED** **2.2 kg** (4.9 lbs) 525662 **3.0 kg** (6.6 lbs) 538935

**YELLOW** **2.7 kg** (6 lbs) 504063 **5.0 kg** (11 lbs) 519817

**BLACK** **1.7 kg** (3.7 lbs) 504064 **1.4 kg** (3 lbs) 577464

#### ADAPTERS



##### DOUBLE FITTING CONTROLLER

**1.0 bar** (14.5 psi)  
**2.0 kg** (4.4 lbs)  
504061



##### SHUT-OFF + SAFETY VALVE

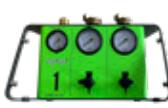
**1.0 bar** (14.5 psi)  
**0.4 kg** (0.88 lbs)  
551504

#### ACCESSORIES



##### REPAIR KIT

**0.09 kg** (0.2 lbs)  
522050



##### DOUBLE DEADMAN CONTROLLER

**2 EXP 1**  
**1.0 bar** (14.5 psi)  
**3.0 kg** (6.6 lbs)  
615416



##### ADAPTER

**GEKA/26**  
**0.1 kg** (0.2 lbs) 575711

#### CARRY-ON VALISE (for two bags)

**1.0 kg** (2.2 lbs)

521483 **MA**

**1.3 kg** (2.9 lbs)

521485 **MB**

**1.5 kg** (3.3 lbs)

521486 **MC**

**2.0 kg** (4.4 lbs)

521487 **MD**





TYPE CLAW

# LOW-PRESSURE LIFTING BAGS

## 0.5 BAR (7.3 PSI)

1.14

LIFTING HEIGHT  
UP TO 2.1 m

IDEAL FOR TOWING  
RECOVERY

SPECIAL  
TOP GRIP PADS

USE ON ALL GROUNDS  
(ROCK, GLASS, METAL)



### TECHNICAL DATA

| TYPE          | PART NUMBER | DIMENSIONS       |                | WEIGHT         | WORKING PRESSURE | NOMINAL CONTENT   | AIR REQUIREMENT   | MAX LIFTING CAPACITY | MAX. LIFTING HEIGHT | INFLATION VALVE |
|---------------|-------------|------------------|----------------|----------------|------------------|-------------------|-------------------|----------------------|---------------------|-----------------|
|               |             | DIAMETER         | HEIGHT         |                |                  |                   |                   |                      |                     |                 |
|               |             | [cm] / [inch]    | [cm] / [inch]  |                | [kg] / [lbs]     | [bar] / [psi]     | [l] / [cu.Ft.]    | [t] / [US Tons]      | [cm] / [inch]       |                 |
| <b>MS 45</b>  | 527296      | <b>102 / 40"</b> | <b>10 / 4"</b> | <b>16 / 35</b> | <b>0.5 / 7.3</b> | <b>368 / 13</b>   | <b>551 / 20</b>   | <b>4 / 4.4</b>       | <b>45 / 18"</b>     | R 1/2"-female   |
| <b>MS 122</b> | 527297      | <b>135 / 53"</b> | <b>10 / 4"</b> | <b>30 / 66</b> | <b>0.5 / 7.3</b> | <b>1745 / 62</b>  | <b>2618 / 93</b>  | <b>7 / 7.7</b>       | <b>122 / 48"</b>    | R 3/4"-male     |
| <b>MS 210</b> | 527298      | <b>145 / 57"</b> | <b>10 / 4"</b> | <b>43 / 95</b> | <b>0.5 / 7.3</b> | <b>3466 / 122</b> | <b>5199 / 184</b> | <b>9 / 9.9</b>       | <b>210 / 83"</b>    | R 3/4"-male     |

### ACCESSORIES

#### CONTROLLERS



**SINGLE FITTING CONTROLLER**  
0.5 bar (7.3 psi)  
1.0 kg (2.2 lbs)  
553361

#### ADAPTERS



**SHUT-OFF + SAFETY VALVE**  
0.5 bar (7.3 psi)  
0.4 kg (0.8 lbs) 577465

#### INFLATION HOSES



|                     |                  |                   |
|---------------------|------------------|-------------------|
| <b>TYPE (RIGID)</b> | <b>5 m (16')</b> | <b>15 m (49')</b> |
| <b>RED</b>          | <b>2 kg</b>      | <b>5 kg</b>       |
| <b>GREY</b>         | <b>(4.4 lbs)</b> | <b>(11 lbs)</b>   |
| <b>YELLOW</b>       | <b>595741</b>    | <b>594222</b>     |
| <b>GREEN</b>        | <b>595744</b>    | <b>594220</b>     |
|                     | <b>595743</b>    | <b>594221</b>     |
|                     | <b>586722</b>    | <b>586724</b>     |

#### ACCESSORIES



**DOUBLE FITTING CONTROLLER**  
0.5 bar (7.3 psi)  
2.5 kg (5.5 lbs) 507801



**ADAPTER CLAW/26**  
0.15 kg (0.33 lbs)  
529704



**REPAIR KIT**  
0.09 kg (0.2 lbs)  
522050



**FKT CONTROLLER**  
40.0 kg (88 lbs) 4-port  
545631  
53.0 kg (117 lbs) 6-port  
545632  
\*Other sizes on request



**VACUUM/BLOWER**  
124.0 kg (273 lbs)  
598159

**1.15****CATCH BAGS – TOWING AND RECOVERY**

TYPE CAMLOCK

GOOD STABILITY  
IN ALL CONDITIONSSPECIAL  
AIR-RELEASE OPENINGSEXTREMELY  
DURABLEEXTREMELY  
DURABLE**TECHNICAL DATA**

| TYPE         | PART NUMBER | DIMENSIONS       |                  |                  |                  |                |                | WEIGHT        | WORKING PRESSURE | NOMINAL CONTENT  | AIR REQUIREMENT  | MAX. HEIGHT | INFLATION TIME |  |  |  |  |  |  |
|--------------|-------------|------------------|------------------|------------------|------------------|----------------|----------------|---------------|------------------|------------------|------------------|-------------|----------------|--|--|--|--|--|--|
|              |             | BOTTOM           |                  | TOP              |                  | HEIGHT         |                |               |                  |                  |                  |             |                |  |  |  |  |  |  |
|              |             | LENGTH           | WIDTH            | LENGTH           | WIDTH            |                |                |               |                  |                  |                  |             |                |  |  |  |  |  |  |
|              |             | [cm] / [inch]    | [cm] / [inch]    | [cm] / [inch]    | [cm] / [inch]    | [cm] / [inch]  | [kg] / [lbs]   | [bar] / [psi] | [l] / [cu./Ft.]  | [l] / [cu./Ft.]  | [cm] / [inch]    | [sec]       |                |  |  |  |  |  |  |
| <b>SCB-1</b> | 574577      | <b>140 / 55"</b> | <b>140 / 55"</b> | <b>100 / 39"</b> | <b>100 / 39"</b> | <b>10 / 4"</b> | <b>22 / 50</b> | < 0.2 / < 3   | <b>1700 / 60</b> | <b>2000 / 71</b> | <b>160 / 63"</b> | 60-90       |                |  |  |  |  |  |  |
| <b>SCB-2</b> | 596823      | <b>110 / 43"</b> | <b>110 / 43"</b> | <b>80 / 31"</b>  | <b>80 / 31"</b>  | <b>10 / 4"</b> | <b>17 / 37</b> | < 0.2 / < 3   | <b>1100 / 39</b> | <b>1320 / 46</b> | <b>100 / 39"</b> | 50-70       |                |  |  |  |  |  |  |

**ALTERNATIVE SMALLER SIZE OPTIONS****POSITIONING ACCESSORIES****BLIND  
COUPLING 1 1/2"**  
0.3 kg (0.7 lbs) 574581**WEDGE**  
1.5 kg (3.3 lbs)  
581229**INSERTION POLE**  
2.0 kg (4.4 lbs)  
581228**PROTECTIVE CAP**  
7.0 kg (15 lbs) 587031**REPAIR KIT**  
0.5 kg (1.1 lbs) 578468**TOP COVER**  
PVC 2.0 kg (4.4 lbs)  
579669**RUBBER** 9.9 kg (22 lbs)  
581226



SUITABLE FOR  
TUNNEL RECOVERY



Compressor/blower specially designed for high-flow volumes and optimal pressure for low pressure lifting bag operation

CATCHING WITH CATCH BAGS

Compressor/blower specially designed for high-flow volumes and optimal pressure for low pressure lifting bag operation

LIFTING WITH LOW PRESSURE LIFTING BAGS



## PROPOSED RECOVERY SETS



## LIFTING

| PART NUMBER | DESCRIPTION                       | QUANTITY [pcs]         |                   |
|-------------|-----------------------------------|------------------------|-------------------|
|             |                                   | LONG HEAVY VEHICLE SET | HEAVY VEHICLE SET |
| 527296      | MS 45                             | 2                      | 1                 |
| 527298      | MS 210                            | 4                      | 2                 |
| 545632      | CONTROLLER FKT-6                  | 1                      |                   |
| 545631      | CONTROLLER FKT-4                  |                        | 1                 |
| 598159      | COMPRESSOR/BLOWER                 | 1                      | 1                 |
| 586724      | INFLATION HOSE (RIGID 15 m (49')) | 6                      | 3                 |
| 522050      | REPAIR KIT FOR LOW PRESSURE BAGS  | 1                      | 1                 |
| 581227      | PROTECTION PLATE WOOD+TOPGRIP     | 6                      | 3                 |



## CATCHING

| PART NUMBER | DESCRIPTION                                | QUANTITY [pcs]         |                   |
|-------------|--|------------------------|-------------------|
|             |  | LONG HEAVY VEHICLE SET | HEAVY VEHICLE SET |
| 574577      | SCB-1                                      | 3                      | 2                 |
| 574578      | INFLATION HOSE 10 m (33') (FOR CATCH BAGS) | 3                      | 2                 |
| 574580      | BLOWER                                     | 1                      | 1                 |
| 574579      | THREE-WAY DISTRIBUTOR                      | 1                      | 1                 |
| 574581      | BLIND COUPLING                             | 1                      | 1                 |
| 578468      | REPAIR KIT FOR CATCH BAGS                  | 1                      | 1                 |
| 587031      | PROTECTIVE CAP                             | 3                      | 2                 |
| 581228      | INSERTION POLE                             | 3                      | 2                 |
| 581229      | WEDGE                                      | 2                      | 2                 |



# Sealing products

USER MANUAL





**1 bar (22 psi); 2.5 bar (36 psi)**  
**TYPE 26**

# 2.1

## INFLATABLE PIPE PLUGS

FLEXIBLE  
DESIGN

ARAMID CORD  
REINFORCED

SUPERIOR  
GRIP SURFACE

A WIDE RANGE  
OF APPLICATIONS



### BACK PRESSURE MEASURED IN A DRY IRON PIPE (bar/psi)

| SIZE     | PIPE DIAMETER [mm] / [inch] |          |          |          |         |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |
|----------|-----------------------------|----------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|          | 40 / 1.5                    | 70 / 2.8 | 100 / 4  | 150 / 6  | 200 / 8 | 250 / 10 | 300 / 12 | 350 / 14 | 400 / 16 | 500 / 20 | 600 / 24 | 800 / 32 | 1000 / 40 | 1200 / 48 | 1300 / 51 | 1400 / 55 | 1500 / 60 | 1600 / 63 | 1700 / 67 | 1800 / 72 |
| 40-70    | 2.0/29                      | 1.2/17   |          |          |         |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |
| 70-150   |                             | 2.2/32   | 1.7/24.5 | 1.3/19   |         |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |
| 100-200  |                             |          | 2.2/32   | 1.7/24.5 | 1.3/19  |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |
| 150-200  |                             |          |          | 2.0/29   | 1.5/22  |          |          |          |          |          |          |          |           |           |           |           |           |           |           |           |
| 150-300  |                             |          |          | 2.2/32   | 2.0/29  | 1.4/20   | 1.2 / 17 |          |          |          |          |          |           |           |           |           |           |           |           |           |
| 200-400  |                             |          |          |          | 2.2/32  | 2.0/29   | 1.7/24.5 | 1.5/22   | 1.2/17   |          |          |          |           |           |           |           |           |           |           |           |
| 300-525  |                             |          |          |          |         | 2.0 / 29 | 1.7/24.5 | 1.5/22   | 1.2/17   |          |          |          |           |           |           |           |           |           |           |           |
| 350-600  |                             |          |          |          |         |          | 2.1/30.5 | 1.9/27.5 | 1.6/23   | 1.3 / 19 |          |          |           |           |           |           |           |           |           |           |
| 375-750  |                             |          |          |          |         |          |          | 2.0/29   | 1.7/24.5 | 1.4/20   |          |          |           |           |           |           |           |           |           |           |
| 500-800  |                             |          |          |          |         |          |          |          | 1.8/26   | 1.4/20   | 1.1/16   |          |           |           |           |           |           |           |           |           |
| 500-1000 |                             |          |          |          |         |          |          |          | 1.0/15   | 0.8/11.5 | 0.6/8.7  | 0.5/7.2  |           |           |           |           |           |           |           |           |
| 600-1200 |                             |          |          |          |         |          |          |          |          | 1.0/15   | 0.7/10   | 0.6/8.7  | 0.5/7.2   |           |           |           |           |           |           |           |
| 750-1500 |                             |          |          |          |         |          |          |          |          |          | 1.0/15   | 0.9/13   | 0.7/10    | 0.6/8.7   | 0.5/7.2   | 0.4/5.8   |           |           |           |           |
| 800-1800 |                             |          |          |          |         |          |          |          |          |          | 1.0/15   | 1.0/15   | 0.8/11.5  | 0.7/10    | 0.6/8.7   | 0.5/7.2   | 0.4/5.8   | 0.4/5.8   | 0.4/5.8   |           |

## ACCESSORIES



**POLY LIFT HOSE**  
10 m (33')  
1 bar (14.5 psi)  
2.5 bar (36 psi)  
2.0 kg (4.4 lbs)  
615288

**POLY LIFT HOSE**  
10 m (33')  
1.5 bar (22 psi)  
2.0 kg (4.4 lbs)  
615291



**INFLATION HOSE**  
10 m (33')  
1 bar (14.5 psi)  
2.5 bar (36 psi)  
2.0 kg (4.4 lbs)  
614341

**INFLATION HOSE**  
10 m (33')  
1.5 bar (22 psi)  
2.0 kg (4.4 lbs)  
615285



**SINGLE FITTING  
CONTROLLER**  
2.5 bar (36 psi)  
0.9 kg (2 lbs)  
60310

**SINGLE FITTING  
CONTROLLER**  
1.5 bar (22 psi)  
0.9 kg (2 lbs)  
529663

**SINGLE FITTING  
CONTROLLER**  
1.0 bar (14.5 psi)  
0.9 kg (2 lbs)  
74653



1.5 bar (22 psi)  
TYPE 14

## INFLATABLE PIPE PLUGS

**2.1**

### TECHNICAL DATA: PLUGY (BLOCKING PLUGS)

| TYPE           | PART NUMBER | SIZE USAGE RANGE |               | WEIGHT      | WORKING PRESSURE | DEFLATED PLUG DIMENSIONS |               | EYE BOLT M THREAD | INFLATION VALVE |
|----------------|-------------|------------------|---------------|-------------|------------------|--------------------------|---------------|-------------------|-----------------|
|                |             | MIN. DIAMETER    | MAX. DIAMETER |             |                  | DIAMETER                 | LENGTH        |                   |                 |
|                |             | [mm] / [inch]    | [mm] / [inch] |             |                  | [kg] / [lbs]             | [bar] / [psi] |                   |                 |
| PLUGY 40-70    | 519423      | 40 / 1.5"        | 70 / 2.8"     | 0.3 / 0.7   | 2.5 / 36         | 35 / 1.4"                | 195 / 7.7"    | /                 | R 1/4"          |
| PLUGY 70-150   | 519424      | 70 / 2.8"        | 150 / 6"      | 0.6 / 1.3   | 2.5 / 36         | 68 / 2.7"                | 335 / 13"     | /                 | R 1/4"          |
| PLUGY 100-200  | 60417       | 100 / 4"         | 200 / 8"      | 1.1 / 2.4   | 2.5 / 36         | 92 / 3.6"                | 535 / 21"     | 6                 | R 1/4"          |
| PLUGY 150-200  | 526850      | 150 / 6"         | 200 / 8"      | 1.8 / 4     | 2.5 / 36         | 142 / 5.6"               | 385 / 15"     | 8                 | R 1/4"          |
| PLUGY 150-300  | 60418       | 150 / 6"         | 300 / 12"     | 1.9 / 4     | 2.5 / 36         | 142 / 5.6"               | 575 / 23"     | 8                 | R 1/4"          |
| PLUGY 200-400  | 60419       | 200 / 8"         | 400 / 16"     | 3.0 / 7     | 2.5 / 36         | 192 / 7.6"               | 635 / 25"     | 8                 | R 1/4"          |
| PLUGY 300-525  | 60599       | 300 / 12"        | 525 / 21"     | 6.0 / 14    | 2.5 / 36         | 272 / 10.7"              | 675 / 27"     | 8                 | R 1/4"          |
| PLUGY 350-600  | 60422       | 350 / 14"        | 600 / 24"     | 8.4 / 19    | 2.5 / 36         | 322 / 12.7"              | 865 / 34"     | 10                | R 1/4"          |
| PLUGY 375-750  | 60606       | 375 / 16"        | 750 / 30"     | 10.9 / 24   | 2.5 / 36         | 342 / 13.5"              | 1085 / 43"    | 10                | R 1/4"          |
| PLUGY 500-800  | 60453       | 500 / 20"        | 800 / 32"     | 17.3 / 39   | 2.5 / 36         | 472 / 18.6"              | 1185 / 47"    | 10                | R 1/4"          |
| PLUGY 500-1000 | 530301      | 500 / 20"        | 1000 / 40"    | 17.3 / 39   | 1.5 / 22         | 472 / 18.6"              | 1185 / 47"    | 10                | R 1/4"          |
| PLUGY 600-1200 | 530302      | 600 / 24"        | 1200 / 48"    | 39.0 / 86   | 1.5 / 22         | 574 / 22.6"              | 1500 / 60"    | 10                | 2 × R 3/8"      |
| PLUGY 750-1500 | 78959       | 750 / 30"        | 1500 / 60"    | 65.0 / 143  | 1.0 / 15         | 600 / 23.6"              | 2300 / 91"    | 10                | 2 × R 1/4"      |
| PLUGY 800-1800 | 535881      | 800 / 32"        | 1800 / 72"    | 105.0 / 231 | 1.0 / 15         | 600 / 23.6"              | 2960 / 117"   | 10                | 2 × R 1/4"      |

### TECHNICAL DATA: PLUGSY (BYPASS PLUGS)

| TYPE            | PART NUMBER | SIZE USAGE RANGE |               | WEIGHT       | WORKING PRESSURE | DEFLATED PLUG DIMENSIONS |               | EYE BOLT M THREAD | INFLATION VALVE | BYPASS DIAMETER |
|-----------------|-------------|------------------|---------------|--------------|------------------|--------------------------|---------------|-------------------|-----------------|-----------------|
|                 |             | MIN. DIAMETER    | MAX. DIAMETER |              |                  | DIAMETER                 | LENGTH        |                   |                 |                 |
|                 |             | [mm] / [inch]    | [mm] / [inch] |              |                  | [kg] / [lbs]             | [bar] / [psi] |                   |                 |                 |
| PLUGSY 70-150   | 526849      | 70 / 3"          | 150 / 6"      | 1.7 / 3.7"   | 2.5 / 36         | 68 / 2.7"                | 350 / 14"     | /                 | R 1/8"          | 1/2"            |
| PLUGSY 100-200  | 60429       | 100 / 4"         | 200 / 8"      | 2.6 / 5.8"   | 2.5 / 36         | 92 / 3.6"                | 550 / 22"     | 6                 | R 1/4"          | 1"              |
| PLUGSY 150-200  | 526851      | 150 / 6"         | 200 / 8"      | 3.2 / 7.1"   | 2.5 / 36         | 142 / 5.6"               | 420 / 17"     | 8                 | R 1/4"          | 1"              |
| PLUGSY 150-300  | 60432       | 150 / 6"         | 300 / 12"     | 4.4 / 10"    | 2.5 / 36         | 142 / 5.6"               | 590 / 23      | 8                 | R 1/4"          | 1"              |
| PLUGSY 200-400  | 60434       | 200 / 8"         | 400 / 16"     | 6.3 / 14"    | 2.5 / 36         | 192 / 7.6"               | 635 / 25"     | 8                 | R 1/4"          | 2"              |
| PLUGSY 300-525  | 60630       | 300 / 12"        | 525 / 21"     | 11.9 / 26"   | 2.5 / 36         | 272 / 10.7"              | 675 / 27"     | 8                 | R 1/4"          | 2"              |
| PLUGSY 350-600  | 60440       | 350 / 14"        | 600 / 24"     | 16.6 / 37"   | 2.5 / 36         | 322 / 12.7"              | 865 / 34"     | 10                | R 1/4"          | 2"              |
| PLUGSY 375-750  | 60632       | 375 / 15"        | 750 / 30"     | 19.7 / 43"   | 2.5 / 36         | 342 / 13.5"              | 1085 / 43"    | 10                | R 1/4"          | 2"              |
| PLUGSY 500-800  | 60454       | 500 / 20"        | 800 / 32"     | 31.3 / 69"   | 2.5 / 36         | 472 / 18.6"              | 1185 / 47"    | 10                | R 1/4"          | 2"              |
| PLUGSY 500-1000 | 530303      | 500 / 20"        | 1000 / 40"    | 31.3 / 69"   | 1.5 / 22         | 472 / 18.6"              | 1185 / 47"    | 10                | R 1/4"          | 2"              |
| PLUGSY 600-1200 | 530304      | 600 / 24"        | 1200 / 48"    | 46.0 / 101"  | 1.5 / 22         | 574 / 22.6"              | 1500 / 60"    | 10                | 2 × R 3/8"      | 4"              |
| PLUGSY 750-1500 | 78960       | 750 / 30"        | 1500 / 60"    | 75.0 / 165"  | 1.0 / 15         | 600 / 23.6"              | 2300 / 91"    | 10                | 2 × R 1/4"      | 4"              |
| PLUGSY 800-1800 | 535882      | 800 / 32"        | 1800 / 72"    | 117.0 / 258" | 1.0 / 15         | 600 / 23.6"              | 2960 / 117"   | 10                | 2 × R 1/4"      | 4"              |

## 2.2

## GULLY SEALING SET



TYPE 26

QUICK  
INFLATION

EASY  
POSITIONING

HIGH RESISTANCE  
TO CHEMICALS

USED BY FIRST  
RESPONSE UNITS



### TECHNICAL DATA

| TYPE                 | PART NUMBER | SIZE USAGE RANGE |                  | WEIGHT  | WORKING PRESSURE | DEFLATED PLUG DIMENSIONS |               | RUBBER BODY LENGTH | INFLATION VALVE |
|----------------------|-------------|------------------|------------------|---------|------------------|--------------------------|---------------|--------------------|-----------------|
|                      |             | MIN. DIAMETER    | MAX. DIAMETER    |         |                  | DIAMETER                 | LENGTH        |                    |                 |
|                      |             | [mm] / [inch]    | [mm] / [inch]    |         |                  | [kg] / [lbs]             | [bar] / [psi] |                    |                 |
| <b>GULLY 100-150</b> | 528571      | <b>100 / 4"</b>  | <b>150 / 6"</b>  | 0.5 / 1 | 2.5 / 36         | 86 / 3.4"                | 200 / 8"      | 165 / 7"           | R 1/4"          |
| <b>GULLY 300-500</b> | 528157      | <b>300 / 12"</b> | <b>500 / 20"</b> | 3.8 / 8 | 0.5 / 7.3        | 274 / 11"                | 385 / 15"     | 350 / 14"          | R 1/4"          |

### GULLY SET 100-150



| PART NUMBER | DESCRIPTION  | QUANTITY [pcs] |
|-------------|--|----------------|
| 528571      | Gully plug 100-150 2.5 bar (36 psi) with inflation hose 2.5 m (8') and rope 2.5 m (8') | 4              |
| 528875      | Foot pump with safety valve 2.5 bar (36 psi), 3.0 kg (6.6 lbs)                         | 1              |
| 528744      | Positioning rod, 1.5 m (5') 3-part, 2.2 kg (5 lbs)                                     | 1              |
| 528871      | Portable case Type 2, 609 x 409 x 140 mm (24" x 16" x 5.5"), 3.5 kg (7.7 lbs)          | 1              |

## GULLY SET 300-500



| PART NUMBER | DESCRIPTION   | QUANTITY [pcs] |
|-------------|---|----------------|
| 528157      | Gully plug 300-500 0.5 bar (7.3 psi) with inflation hose 2 m (6.6') and rope 2 m (6.6')   | 1              |
| 529385      | Inflation and safety device with finger-tight connector, pressure reducer, safety valve 0.5 bar (7.3 psi), pressure gauge and safety coupling, 1.0 kg (2.2 lbs) | 1              |
| 523002      | Compressed air cylinder 200 bar (2900 psi), 1l (61 cu.in.), 1.9 kg (4 lbs)  | 1              |
| 528871      | Portable case Type 2<br>609 x 409 x 140 mm (24" x 16" x 5.5"), 3.5 kg (7.7 lbs)   | 1              |

# 2.3

## LEAK SEALING LANCE SET



TYPE 14

EASY  
HANDLING

QUICK  
SEALING

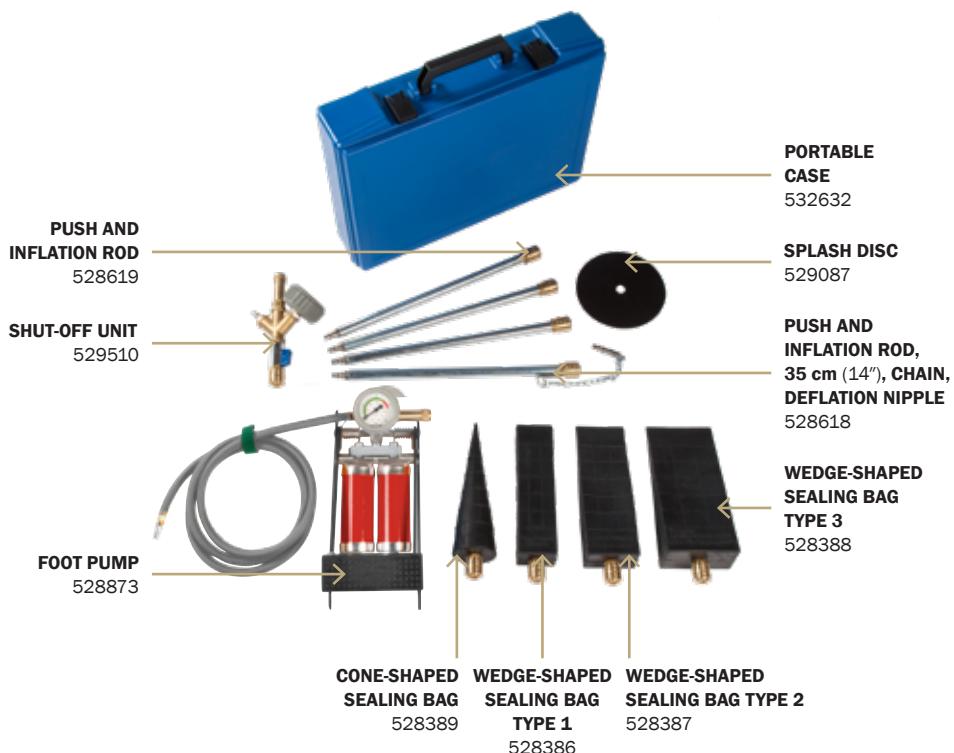
LOW AIR  
REQUIREMENT

SUPERIOR  
GRIP SURFACE



### TECHNICAL DATA

| TYPE                            | PART NUMBER | SIZE USAGE RANGE        |                        | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | DEFLATED PLUG DIMENSIONS |                        |                         | INFLATION VALVE<br>Thread size |
|---------------------------------|-------------|-------------------------|------------------------|------------------------|-----------------------------------|--------------------------|------------------------|-------------------------|--------------------------------|
|                                 |             | HEIGHT<br>[mm] / [inch] | WIDTH<br>[mm] / [inch] |                        |                                   | LENGTH<br>[mm] / [inch]  | WIDTH<br>[mm] / [inch] | HEIGHT<br>[mm] / [inch] |                                |
|                                 |             |                         |                        |                        |                                   |                          |                        |                         |                                |
| WEDGE-SHAPED SEALING BAG TYPE 1 | 528386      | 15-45 / 0.6"-1.8"       | 60-80 / 2.4"-3"        | 0.3 / 0.7              | 1.5 / 22                          | 230 / 9"                 | 60 / 2.4"              | 50 / 2"                 | R 1/4"                         |
| WEDGE-SHAPED SEALING BAG TYPE 2 | 528387      | 15-45 / 0.6"-2.8"       | 80-110 / 3"-4"         | 0.4 / 0.9              | 1.5 / 22                          | 230 / 9"                 | 80 / 3"                | 55 / 2.2"               | R 1/4"                         |
| WEDGE-SHAPED SEALING BAG TYPE 3 | 528388      | 30-60 / 1.2"-2.4"       | 110-170 / 4"-7"        | 0.5 / 1.1              | 1.5 / 22                          | 230 / 9"                 | 110 / 4"               | 70 / 3"                 | R 1/4"                         |
| CONE-SHAPED SEALING BAG         | 528389      | Ø 30-90 / Ø 1.2"-3.5"   |                        | 0.3 / 0.7              | 1.5 / 22                          | 230 / 9"                 | Ø 65 / Ø 2.6"          | Ø 7 / Ø 0.3"            | R 1/4"                         |



| PART NUMBER | DESCRIPTION  | QUANTITY<br>[pc] |
|-------------|--|------------------|
| 528386      | Wedge-shaped sealing bag type 1  | 1                |
| 528387      | Wedge-shaped sealing bag type 2  | 1                |
| 528388      | Wedge-shaped sealing bag type 3  | 1                |
| 528389      | Cone-shaped sealing bag  | 1                |
| 528618      | Push and inflation rod, 35 cm (14"), chain, deflation nipple, 0.5 kg (1.1 lbs) | 1                |
| 528619      | Push and inflation rod, 35 cm (14"), 0.4 kg (0.88 lbs)                         | 3                |
| 529510      | Shut-off unit, 0.7 kg (1.5 lbs)  | 1                |
| 528873      | Foot pump with safety valve 1.5 bar (22 psi), 2.9 kg (6.4 lbs)                 | 1                |
| 532632      | Portable case Type 1 470 x 360 x 120 mm (18.5" x 14" x 5"), 1.7 kg (3.7 lbs)   | 1                |
| 529087      | Splash disc, 0.4 kg (0.88 lbs)   | 1                |

OIL-RESISTANT PLUGS

ELECTROSTATIC AND SPARK PROTECTED PARTS

CORROSION-RESISTANT PARTS

USED BY FIRST RESPONSE UNITS



## TECHNICAL DATA

| TYPE                          | PART NUMBER | SIZE USAGE RANGE               |                                | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | DEFLATED PLUG DIMENSIONS  |                               | INFLATION VALVE | BYPASS DIAMETER<br>(female) |
|-------------------------------|-------------|--------------------------------|--------------------------------|------------------------|-----------------------------------|---------------------------|-------------------------------|-----------------|-----------------------------|
|                               |             | MIN. DIAMETER<br>[mm] / [inch] | MAX. DIAMETER<br>[mm] / [inch] |                        |                                   | DIAMETER<br>[mm] / [inch] | TOTAL LENGTH<br>[mm] / [inch] |                 |                             |
|                               |             | [mm] / [inch]                  | [mm] / [inch]                  |                        |                                   |                           |                               |                 |                             |
| ELLIPTICAL PLUGY G1 50-80 C   | 542488      | 45 / 2"                        | 80 / 3"                        | 0.3 / 0.7              | 3 / 44                            | 45 / 2"                   | 280 / 11"                     | R 1/4"          | /                           |
| ELLIPTICAL PLUGY G2 80-130 C  | 542489      | 75 / 3"                        | 130 / 5"                       | 0.4 / 0.9              | 2.5 / 36                          | 76 / 3"                   | 360 / 14"                     | R 1/4"          | /                           |
| ELLIPTICAL PLUGY G3 100-160 C | 542490      | 100 / 4"                       | 160 / 6"                       | 0.6 / 1.3              | 2 / 29                            | 98 / 4"                   | 420 / 17"                     | R 3/8"          | /                           |
| PNEUMATIC PLUG TYPE Z1 C      | 523289      | 20 / 1"                        | 30 / 1"                        | 0.01 / 0.02            | 2.5 / 36                          | 19 / 1"                   | 65 / 3"                       | R 1/8"          | /                           |
| PNEUMATIC PLUG TYPE Z1 1/2 C  | 523290      | 33 / 1"                        | 40 / 2"                        | 0.1 / 0.2              | 2.5 / 36                          | 32 / 1"                   | 70 / 3"                       | R 1/4"          | /                           |
| PNEUMATIC PLUG TYPE Z2/3 C    | 523292      | 50 / 2"                        | 75 / 3"                        | 0.1 / 0.2              | 2.5 / 36                          | 45 / 2"                   | 80 / 3"                       | R 1/4"          | /                           |
| PNEUMATIC PLUG TYPE Z3/4 C    | 523294      | 75 / 3"                        | 100 / 4"                       | 0.3 / 0.7              | 2.5 / 36                          | 70 / 3"                   | 100 / 4"                      | R 1/4"          | /                           |
| PNEUMATIC PLUG TYPE Z4/6 C    | 523296      | 100 / 4"                       | 150 / 6"                       | 0.5 / 1.1              | 2.5 / 36                          | 85 / 4"                   | 165 / 7"                      | R 1/4"          | /                           |
| PNEUMATIC PLUG TYPE S2 C      | 523302      | 50 / 2"                        |                                | 0.2 / 0.4              | 2.5 / 36                          | 45 / 2"                   | 80 / 3"                       | R 1/8"          | 1/8"                        |
| PNEUMATIC PLUG TYPE S3/4 C    | 523304      | 75 / 3"                        | 100 / 4"                       | 0.4 / 0.9              | 2.5 / 36                          | 70 / 3"                   | 100 / 4"                      | R 1/8"          | 1/2"                        |
| PNEUMATIC PLUG TYPE S4/6 C    | 523307      | 100 / 4"                       | 150 / 6"                       | 0.7 / 1.5              | 2.5 / 36                          | 85 / 4"                   | 165 / 7"                      | R 1/8"          | 1/2"                        |

# 2.4

## PIPE PLUG KIT



| PART NUMBER | DESCRIPTION   | QUANTITY [pc] |
|-------------|---|---------------|
| 542488      | Elliptical Plug G1 50-80 C  | 1             |
| 542489      | Elliptical Plug G2 80-130 C   | 1             |
| 542490      | Elliptical Plug G3 100-160 C  | 1             |
| 523289      | Pneumatic plug type Z1 C  | 1             |
| 523290      | Pneumatic plug type Z1 1/2 C  | 1             |
| 523292      | Pneumatic plug type Z2/3 C  | 1             |
| 523294      | Pneumatic plug type Z3/4 C  | 1             |
| 523296      | Pneumatic plug type Z4/6 C  | 1             |
| 523302      | Pneumatic plug type S2 C  | 1             |
| 523304      | Pneumatic plug type S3/4 C  | 1             |
| 523307      | Pneumatic plug type S4/6 C  | 1             |
| 541951      | Tyre valve extension hose 1 m (3'), 0.1 kg (0.22 lbs)                                   | 2             |
| 551285      | Inflation hose 3 m (10'), antistatic, 0.3 kg (0.66 lbs)                                 | 1             |
| 541957      | Static discharge kit, 0.5 kg (0.11 lbs)   | 1             |
| 541960      | Hand pump - mini, 0.2 kg (0.44 lbs)   | 1             |
| 541952      | Shut-off valve R 1/8", 0.3 kg (0.66 lbs)  | 1             |
| 541953      | Shut-off valve R 1/2", 0.3 kg (0.66 lbs)  | 1             |
| 541958      | Bag of corks, 0.03 kg (0.066 lbs)   | 1             |
| 580018      | Controlling pressure gauge - up to 3 bar (44 psi), 0.2 kg (0.44 lbs)                    | 1             |
| 542217      | Portable case type 3, 609 x 409 x 140 mm (24" x 16" x 5.5") with foam, 4.0 kg (8.8 lbs) | 1             |



TYPE 14

## MINI LEAK SEALING BAGS

2.5

FLEXIBLE DESIGN

EASY POSITIONING

USED BY FIRST RESPONSE UNIT

LOW AIR REQUIREMENT



## TECHNICAL DATA

| TYPE | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | SEALING SURFACE DIMENSIONS |                        | SEALING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] |
|------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|----------------------------|------------------------|-----------------------------------|-----------------------------------|
|      |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   | LENGTH<br>[cm] / [inch]    | WIDTH<br>[cm] / [inch] |                                   |                                   |
|      |             | 15 / 6                  | 15 / 6                 | 1.2 / 1                 |                        |                                   | 10 / 4                     | 10 / 4                 |                                   |                                   |
| T1   | 78082       | 15 / 6                  | 15 / 6                 | 1.2 / 1                 | 0.4 / 1                | 1.5 / 22                          | 10 / 4                     | 10 / 4                 | 1.4 / 20                          | 1.2 / 0.04                        |
| T2   | 78096       | 22.5 / 9                | 22.5 / 9               | 1.2 / 1                 | 0.8 / 2                | 1.5 / 22                          | 17.5 / 7                   | 17.5 / 7               | 1.4 / 20                          | 4.5 / 0.2                         |
| T3   | 78099       | 30 / 12                 | 30 / 12                | 1.2 / 1                 | 1.4 / 3                | 1.5 / 22                          | 25 / 10                    | 25 / 10                | 1.4 / 20                          | 10.5 / 0.4                        |



| PART NUMBER | DESCRIPTION   | QUANTITY [pc] |
|-------------|---|---------------|
| 78082       | Type T1   | 1             |
| 78096       | Type T2   | 1             |
| 78099       | Type T3   | 1             |
| 528873      | Foot-operated pump with safety valve 1.5 bar (22 psi), 2.9 kg (6.4 lbs)       | 1             |
| 60167       | Fastening belts, 150 cm (5') long, yellow, 0.2 kg (0.44 lbs)                  | 2             |
| 60169       | Fastening belts, 300 cm (10') long, yellow, 0.4 kg (0.88 lbs)                 | 3             |
| 528871      | Portable case Type 2, 609 x 409 x 140 mm (24" x 16" x 5.5"), 3.5 kg (7.7 lbs) | 1             |

FLEXIBLE DESIGN

EASY POSITIONING

USED BY FIRST RESPONSE UNIT

LOW AIR REQUIREMENT



## TECHNICAL DATA

| TYPE                   | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | SEALING SURFACE DIMENSIONS |                        | SEALING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] |
|------------------------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|----------------------------|------------------------|-----------------------------------|-----------------------------------|
|                        |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   | LENGTH<br>[cm] / [inch]    | WIDTH<br>[cm] / [inch] |                                   |                                   |
|                        |             | 62 / 24"                | 30 / 12"               | 2 / 0.8"                |                        |                                   | 50 / 20"                   | 30 / 12"               |                                   |                                   |
| M1- 1.5 bar / 22 psi   | 60043       | 62 / 24"                | 30 / 12"               | 2 / 0.8"                | 4.5 / 10               | 1.5 / 22                          | 50 / 20"                   | 30 / 12"               | 1.4 / 20                          | 20 / 0.7                          |
| M1/6- 6 bar / 87 psi   | 291293      | 62 / 24"                | 30 / 12"               | 2 / 0.8"                | 4.6 / 10               | 6 / 87                            | 50 / 20"                   | 30 / 12"               | 5 / 73                            | 50 / 1.8                          |
| M1/10-10 bar / 145 psi | 282293      | 62 / 24"                | 30 / 12"               | 2 / 0.8"                | 4.6 / 10               | 10 / 145                          | 50 / 20"                   | 30 / 12"               | 9 / 131                           | 70 / 2.5                          |
| M2-1.5 bar / 22 psi    | 60350       | 62 / 24"                | 30 / 12"               | 2 / 0.8"                | 6.2 / 14               | 1.5 / 22                          | 50 / 20"                   | 30 / 12"               | 1.4 / 20                          | 20 / 0.7                          |

M1 SET - 1.5 bar (22 psi)  
WITH BELT GUIDING SLITS

| PART NUMBER | DESCRIPTION  | QUANTITY [pc] |
|-------------|--|---------------|
| 60043       | Leak sealing bag, Type M1, with belt guiding slits                                     | 1             |
| 528873      | Foot-operated pump with safety valve 1.5 bar (22 psi), 2.9 kg (6.4 lbs)                | 1             |
| 529094      | Inflation hose, 10 m (33'), with chain and deflation nipple, 1.4 kg (3 lbs)            | 1             |
| 60166       | Tensioning and extension belt, 10 m (33') long, yellow, with ratchet, 2.0 kg (4.4 lbs) | 2             |
| 60165       | Tensioning and extension belt, 10 m (33') long, orange, with ratchet, 2.1 kg (4.6 lbs) | 2             |
| 524551      | Sealing plate, 600 x 300 x 30 mm (24" x 12" x 1.2") CR, 1.0 kg (2.2 lbs)               | 2             |
| 524552      | Sealing plate, 1000 x 300 x 30 mm (40" x 12" x 1.2") CR, 1.5 kg (3.3 lbs)              | 1             |
| 528304      | Acid proof protection bag for M1, 0.4 kg (0.88 lbs)                                    | 1             |
| 587296      | Portable case, 800 x 600 x 235 mm (32" x 24" x 9"), 4.6 kg (10 lbs)                    | 1             |



M1-6, M1-10  
TYPE 26

## LARGE LEAK SEALING BAGS

**2.6**

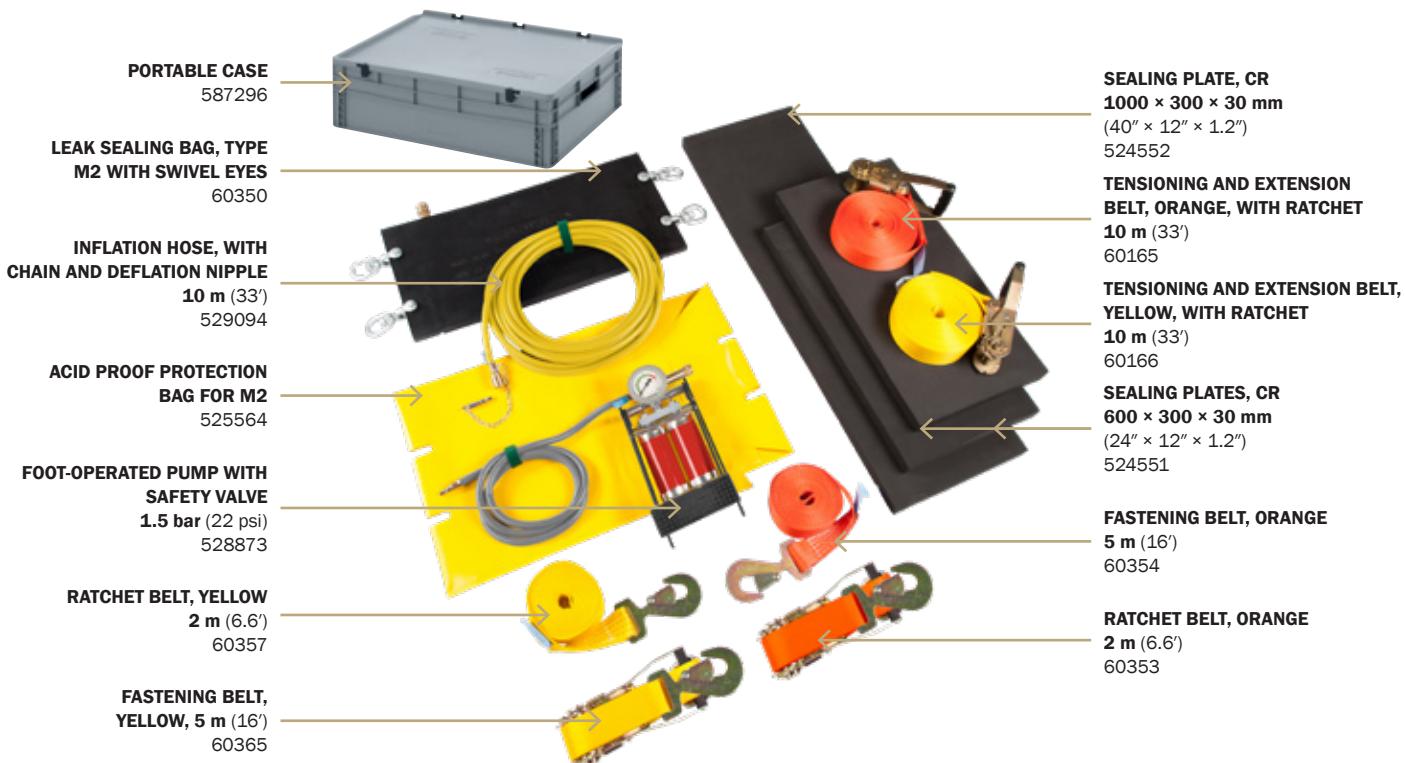
### M1/6 SET - 6 BAR (87 PSI) WITH BELT GUIDING SLITS

| PART NUMBER     | DESCRIPTION   | QUANTITY [pc] |
|-----------------|---|---------------|
| 291293          | Leak sealing bag, type M1/6 with belt guiding slits   | 1             |
| 531542          | Single controller 6 bar (87 psi), fitting, 0.9 kg (2 lbs)                                     | 1             |
| 577351          | Inflation hose, 10 m (33'), blue with chain and deflation nipple, 1.4 kg (3 lbs)              | 1             |
| 531465 + 576563 | Tensioning and extension belt (2x red+1x blue), 10 m (33') long, with ratchet, 2 kg (4.4 lbs) | 2+1           |
| 528304          | Acid proof protection bag for M1, 0.4 kg (0.88 lbs)   | 1             |
| 587296          | Portable case 800 × 600 × 235 mm (32" × 24" × 9"), 4.6 kg (10 lbs)                            | 1             |

### M1/10 SET - 10 BAR (145 PSI) WITH BELT GUIDING SLITS

| PART NUMBER     | DESCRIPTION   | QUANTITY [pc] |
|-----------------|---|---------------|
| 282293          | Leak sealing bag, type M1/10 with belt guiding slits  | 1             |
| 531543          | Single controller 10 bar (145 psi), fitting, 0.9 kg (2 lbs)                                   | 1             |
| 577351          | Inflation hose, 10 m (33'), blue with chain and deflation nipple, 1.4 kg (3 lbs)              | 1             |
| 531465 + 576563 | Tensioning and extension belt (2x red+1x blue), 10 m (33') long, with ratchet, 2 kg (4.4 lbs) | 2+1           |
| 528304          | Acid proof protection bag for M1/10, 0.4 kg (0.88 lbs)  | 1             |
| 587296          | Portable case 800 × 600 × 235 mm (32" × 24" × 9"), 4.6 kg (10 lbs)                            | 1             |

### M2 SET - 1.5 BAR (22 PSI) WITH SWIVEL EYES



| PART NUMBER | DESCRIPTION  | QUANTITY [pc] |
|-------------|--|---------------|
| 60350       | Leak sealing bag, type M2 with swivel eyes   | 1             |
| 528873      | Foot-operated pump with safety valve 1.5 bar (22 psi), 2.9 kg (6.4 lbs)                | 1             |
| 529094      | Inflation hose, 10 m (33'), blue with chain and deflation nipple, 1.4 kg (3 lbs)       | 1             |
| 60353       | Ratchet belt, 2 m (6.6'), orange, 1.5 kg (3.3 lbs)                                     | 1             |
| 60357       | Ratchet belt, 2 m (6.6'), yellow, 1.5 kg (3.3 lbs)                                     | 1             |
| 60354       | Fastening belt, 5 m (16'), orange, 0.8 kg (1.8 lbs)                                    | 1             |
| 60365       | Fastening belt, 5 m (16'), yellow, 0.8 kg (1.8 lbs)                                    | 1             |
| 60166       | Tensioning and extension belt, 10 m (33') long, yellow, with ratchet, 2.0 kg (4.4 lbs) | 1             |
| 60165       | Tensioning and extension belt, 10 m (33') long, orange, with ratchet, 2.1 kg (4.6 lbs) | 1             |
| 524551      | Sealing plate, 600 × 300 × 30 mm (24" × 12" × 1.2"), CR, 1.0 kg (2.2 lbs)              | 2             |
| 524552      | Sealing plate, 1000 × 300 × 30 mm (40" × 12" × 1.2"), CR, 1.5 kg (3.3 lbs)             | 1             |
| 525564      | Acid proof protection bag for M2, 0.4 kg (0.88 lbs)                                    | 1             |
| 587296      | Portable case 800 × 600 × 235 mm (32" × 24" × 9"), 4.6 kg (10 lbs)                     | 1             |

EASY POSITIONING

USED FOR PIPE DIAMETERS  
UP TO 22 cm (9")STAINLESS  
STEEL PARTSPERFECT FOR  
INDUSTRIAL USAGE

## TECHNICAL DATA

| TYPE   | PART NUMBER | DIMENSIONS    |             | WEIGHT<br>[kg] / [lbs] | WORKING<br>PRESSURE<br>[bar] / [psi] | AIR<br>REQUIREMENT<br>[l] / [cu.Ft.] |
|--------|-------------|---------------|-------------|------------------------|--------------------------------------|--------------------------------------|
|        |             | DIAMETER      | LENGTH      |                        |                                      |                                      |
|        |             | [cm] / [inch] | [cm] / [ft] |                        |                                      |                                      |
| ST 150 | 575160      | 2.5 / 1"      | 150 / 5'    | 1.1 / 2.4              | 10 / 145                             | 8.1 / 0.3                            |
| ST 250 | 575161      | 2.5 / 1"      | 250 / 8'    | 1.5 / 3.3              | 10 / 145                             | 13.5 / 0.5                           |
| ST 350 | 575162      | 2.5 / 1"      | 350 / 11.5' | 1.8 / 4                | 10 / 145                             | 18.8 / 0.7                           |



| PART NUMBER                | DESCRIPTION  | QUANTITY [pc] |
|----------------------------|--|---------------|
| 575160                     | Sealing tube 1.5 m (5'), type ST 150   | 1             |
| 575161                     | Sealing tube 2.5 m (8'), type ST 250   | 1             |
| 575162                     | Sealing tube 3.5 m (11.5'), type ST 350  | 1             |
| 576506                     | Inflation control valve BRASS, 0.7 kg (1.5 lbs)                                    | 1             |
| 576566                     | Inflation hose 10 m (33') EPDM, 3.0 kg (6.6 lbs)                                   | 1             |
| 576471                     | Sealing pad (FKM material), 0.05 kg (0.1 lbs)                                      | 1             |
| 577590                     | Sealing pad (NBR material), 0.03 kg (0.07 lbs)                                     | 1             |
| 577591                     | Sealing pad (EPDM material), 0.03 kg (0.07 lbs)                                    | 1             |
| 576510                     | Deflation valve BRASS, 0.4 kg (0.88 lbs)   | 1             |
| 615153                     | Pressure regulator 200/300 bar (2900/4350 psi), 1.7 kg (3.7 lbs)                   | 1             |
| 528871                     | Portable case type 2, 609 × 409 × 140 (24" × 16" × 5.5"), 3.5 kg (7.7 lbs)         | 1             |
| LARGE<br>SEALING TUBE SET  | 575161 Sealing tube 2.5 m (8'), type ST 250  | 1             |
|                            | 576506 Inflation control valve BRASS, 0.7 kg (1.5 lbs)                             | 1             |
|                            | 576566 Inflation hose 10 m (33'), EPDM, 3.0 kg (6.6 lbs)                           | 1             |
|                            | 576471 Sealing pad (FKM material), 0.05 kg (0.1 lbs)                               | 1             |
|                            | 576510 Deflation valve BRASS, 0.4 kg (0.88 lbs)                                    | 1             |
|                            | 532632 Portable case type 1, 470 × 360 × 120 mm (19" × 14" × 5"), 1.7 kg (3.7 lbs) | 1             |
| MEDIUM<br>SEALING TUBE SET | 575161 Sealing tube 2.5 m (8'), type ST 250  | 1             |
|                            | 576506 Inflation control valve BRASS, 0.7 kg (1.5 lbs)                             | 1             |
|                            | 576566 Inflation hose 10 m (33'), EPDM, 3.0 kg (6.6 lbs)                           | 1             |
|                            | 576471 Sealing pad (FKM material), 0.05 kg (0.1 lbs)                               | 1             |
|                            | 576510 Deflation valve BRASS, 0.4 kg (0.88 lbs)                                    | 1             |



TYPE 14

## SEALING BANDAGES

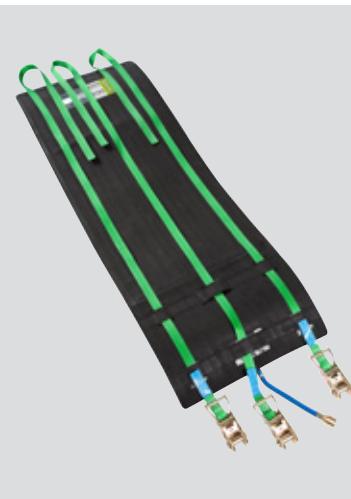
2.8

FLEXIBLE DESIGN

EASY POSITIONING

A WIDE RANGE OF APPLICATIONS

CHEMICAL-RESISTANT RUBBER COMPOUND



## TECHNICAL DATA

| TYPE       | PART NUMBER | SIZE USAGE RANGE<br>[cm] / [inch] | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] |
|------------|-------------|-----------------------------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|
|            |             |                                   | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   |
| <b>SB1</b> | 515713      | <b>5 - 8 / 2 - 3"</b>             | <b>25 / 10"</b>         | <b>12.5 / 5"</b>       | <b>1 / 0.4"</b>         | <b>2.1 / 5</b>         | <b>1.5 / 22</b>                   |
| <b>SB2</b> | 525813      | <b>5 - 20 / 2 - 8"</b>            | <b>98 / 39"</b>         | <b>12.5 / 5"</b>       | <b>1 / 0.4"</b>         | <b>3.5 / 8</b>         | <b>1.5 / 22</b>                   |
| <b>SB3</b> | 525065      | <b>5 - 20 / 2 - 8"</b>            | <b>98 / 39"</b>         | <b>21.0 / 8"</b>       | <b>1 / 0.4"</b>         | <b>3.9 / 9</b>         | <b>1.5 / 22</b>                   |
| <b>SB4</b> | 525066      | <b>20 - 45 / 8 - 18"</b>          | <b>170 / 67"</b>        | <b>21.0 / 8"</b>       | <b>1 / 0.4"</b>         | <b>6.7 / 15</b>        | <b>1.5 / 22</b>                   |
| <b>SB5</b> | 525277      | <b>5 - 18 / 2 - 7"</b>            | <b>80 / 32"</b>         | <b>25.0 / 10"</b>      | <b>1 / 0.4"</b>         | <b>4.3 / 10</b>        | <b>1.5 / 22</b>                   |
| <b>SB6</b> | 514376      | <b>5 - 15 / 2 - 6"</b>            | <b>65 / 26"</b>         | <b>45.0 / 18"</b>      | <b>1 / 0.4"</b>         | <b>5.5 / 12</b>        | <b>1.5 / 22</b>                   |
| <b>SB7</b> | 516042      | <b>10 - 35 / 4 - 14"</b>          | <b>130 / 51"</b>        | <b>45.0 / 18"</b>      | <b>1 / 0.4"</b>         | <b>9.1 / 20</b>        | <b>1.5 / 22</b>                   |
| <b>SB8</b> | 525814      | <b>20 - 45 / 8 - 18"</b>          | <b>170 / 67"</b>        | <b>45.0 / 18"</b>      | <b>1 / 0.4"</b>         | <b>11.1 / 25</b>       | <b>1.5 / 22</b>                   |

## ACCESSORIES



**INFLATION HOSE  
WITH CHAIN AND  
DEFLATION NIPPLE**  
**10 m (33')**  
**1.4 kg (3 lbs)**  
529094



**SINGLE FITTING  
CONTROLLER**  
**1.5 bar (22 psi)**  
**0.9 kg (2 lbs)**  
529663



**FOOT PUMP WITH  
SAFETY VALVE**  
**1.5 bar (22 psi)**  
**2.9 kg (6.4 lbs)**  
528873

**2.9****VACUUM DRAINAGE BAG**

TYPE 26

**EASY POSITIONING****NO STRAPS NEEDED****A CONTROLLED TRANSFER OF LIQUIDS****ROUND SHAPE****TECHNICAL DATA**

| TYPE         | PART NUMBER | DIMENSIONS     |                 | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | VACUUM<br>[bar] / [psi] | DRAINAGE SURFACE DIMENSIONS |                   | SEALING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu.Ft.] |  |  |  |  |  |
|--------------|-------------|----------------|-----------------|------------------------|-----------------------------------|-------------------------|-----------------------------|-------------------|-----------------------------------|-----------------------------------|--|--|--|--|--|
|              |             | DIAMETER       |                 |                        |                                   |                         | [cm] / [inch]               | [cm] / [inch]     |                                   |                                   |  |  |  |  |  |
|              |             | [cm]           | [inch]          |                        |                                   |                         |                             |                   |                                   |                                   |  |  |  |  |  |
| <b>TB 50</b> | 528345      | <b>50 / 20</b> | <b>5.4 / 12</b> | <b>8 / 116</b>         | <b>0.85 / 12</b>                  | <b>20 / 8"</b>          | <b>1.4 / 20</b>             | <b>1.2 / 0.04</b> |                                   |                                   |  |  |  |  |  |



| PART NUMBER | DESCRIPTION   | QUANTITY [pc] |
|-------------|---|---------------|
| 528345      | Vacuum drainage bag TB 50   | 1             |
| 529103      | Ball valve, storz D, stainless, 0.6 kg (1.3 lbs)                              | 1             |
| 529153      | Transparent venting and drainage hose, storz D, 5 m (16'), 1.4 kg (3 lbs)     | 1             |
| 76686       | Inflation hose, yellow, 10 m (33'), system 2.5 bar (36 psi), 1.3 kg (2.9 lbs) | 1             |
| 587296      | Portable case, 800 x 600 x 235 (32" x 24" x 9"), 0.2 kg (0.44 lbs)            | 1             |



TYPE 14

# DRAINAGE SEALING BAG

2.10

FLEXIBLE DESIGN

EASY POSITIONING

A CONTROLLED TRANSFER OF LIQUIDS

CHEMICAL-RESISTANT RUBBER COMPOUND



## TECHNICAL DATA

| TYPE        | PART NUMBER | DIMENSIONS              |                        |                         | WEIGHT<br>[kg] / [lbs] | WORKING PRESSURE<br>[bar] / [psi] | SEALING SURFACE DIMENSIONS |                        |                        | SEALING PRESSURE<br>[bar] / [psi] | AIR REQUIREMENT<br>[l] / [cu./Ft.] |
|-------------|-------------|-------------------------|------------------------|-------------------------|------------------------|-----------------------------------|----------------------------|------------------------|------------------------|-----------------------------------|------------------------------------|
|             |             | LENGTH<br>[cm] / [inch] | WIDTH<br>[cm] / [inch] | HEIGHT<br>[cm] / [inch] |                        |                                   | LENGTH<br>[cm] / [inch]    | WIDTH<br>[cm] / [inch] | HEIGHT<br>[kg] / [lbs] |                                   |                                    |
|             |             | 62 / 24"                | 30 / 12"               | 5.5 / 2"                |                        |                                   | 40 / 16"                   | 20 / 8"                | 3.5 / 1.4              |                                   |                                    |
| <b>M1-1</b> | 528344      | <b>62 / 24"</b>         | <b>30 / 12"</b>        | <b>5.5 / 2"</b>         | <b>9.1 / 20</b>        | <b>1.5 / 22</b>                   | <b>40 / 16"</b>            | <b>20 / 8"</b>         | <b>3.5 / 1.4</b>       | <b>1 / 15</b>                     | <b>10 / 0.4</b>                    |



| PART NUMBER | DESCRIPTION   | QUANTITY [pc] |
|-------------|---|---------------|
| 528344      | Leak drainage bag M1-1  | 1             |
| 528873      | Foot pump with safety valve 1.5 bar (22 psi), 2.9 kg (6.4 lbs)                          | 1             |
| 529094      | Inflation hose 10 m (33'), blue with chain and deflation nipple, 1.4 kg (3 lbs)         | 1             |
| 60166       | Tensioning and extension belts, 10 m (33') long, yellow, with ratchet, 2.0 kg (4.4 lbs) | 2             |
| 60165       | Tensioning and extension belts, 10 m (33') long, orange, with ratchet, 2.1 kg (4.6 lbs) | 2             |
| 529103      | Ball valve, storz D, stainless, 0.6 kg (1.3 lbs)  | 1             |
| 529153      | Transparent venting and drainage hose, 5 m (16'), storz D, 1.4 kg (3 lbs)               | 1             |
| 587296      | Portable case, 800 x 600 x 235 (32" x 24" x 9"), 0.2 kg (0.44 lbs)                      | 1             |

## 2.11

## DRAINAGE PIPE SEALING BAGS

EASY POSITIONING

FLEXIBLE SEALING SLEEVES

A CONTROLLED TRANSFER OF LIQUIDS

SPECIAL ZIPPING SYSTEM



### TECHNICAL DATA

| TYPE    | PART NUMBER | SUITABLE FOR OUTSIDE PIPE DIAMETER (DIN 2448, DIN 2458) |                       | DIMENSIONS    |               |
|---------|-------------|---|-----------------------|---------------|---------------|
|         |             | NOMINAL PIPE SIZE                                       | OUTSIDE PIPE DIAMETER | DIAMETER      | LENGTH        |
|         |             | [mm] / [inch]   | [mm] / [inch]         | [cm] / [inch] | [cm] / [inch] |
| FLS 50  | 608005      | 50 / 2"   | 60.3 / 2.4"           | 26 / 10"      | 95 / 37"      |
| FLS 80  | 608006      | 80 / 3"   | 89 / 3.5"             | 26 / 10"      | 95 / 37"      |
| FLS 100 | 608007      | 100 / 4"  | 114.3 / 4.5"          | 26 / 10"      | 95 / 37"      |

### ADVANTAGES OF OUR DRAINAGE PIPE SEALING BAGS



### ACCESSORIES



TRANSPARENT VENTING AND DRAINAGE HOSE  
STORZ D  
5 m (16')  
1.5 bar (22 psi)  
1.4 kg (3 lbs)  
529153

## MEGA LEAK SEALING KIT

2.12

NON-CORROSIVE  
DESIGN

SELF-CONTAINED  
KIT

SEALED  
WATERPROOF CASE

ALL-IN-ONE  
SOLUTION



## MEGA LEAK SEALING KIT

**THE MEGA SEALING KIT CONSISTS OF:**

| PART NUMBER                          | DESCRIPTION  | QUANTITY [pc] |
|--------------------------------------|--|---------------|
| <b>CASES</b>                         | <b>577688</b> Mega black case, 38.0 kg (84 lbs)  | 1             |
|                                      | <b>562160</b> Medium black case with foam, 5.0 kg (11 lbs)   | 1             |
|                                      | <b>566529</b> Small black case with foam, 3.0 kg (6.6 lbs)   | 2             |
| <b>MK M1 SET - 1.5 BAR</b>           | <b>60043</b> Leak sealing bag, Type M1 with belt guiding slits                                       | 1             |
|                                      | <b>529094</b> Inflation hose, 10 m (33'), with chain and deflation nipple, 1.4 kg (3 lbs)            | 1             |
|                                      | <b>60166</b> Tensioning and extension belts, 10 m (33') long, yellow, with ratchet, 2.0 kg (4.4 lbs) | 1             |
|                                      | <b>60165</b> Tensioning and extension belts, 10 m (33') long, orange, with ratchet, 2.1 kg (4.6 lbs) | 1             |
|                                      | <b>524551</b> Sealing plate, 600 × 300 × 30 mm, (24" × 12" × 1,2") CR, 1.0 kg (2.2 lbs)              | 2             |
|                                      | <b>524552</b> Sealing plate, 1000 × 300 × 30 mm, (40" × 12" × 1,2"), CR, 1.5 kg (3.3 lbs)            | 2             |
|                                      | <b>528304</b> Acid proof protection bag for M1, 0.4 kg (0.88 lbs)                                    | 1             |
|                                      | <b>528386</b> Wedge-shaped sealing bag type 1  | 1             |
|                                      | <b>528387</b> Wedge-shaped sealing bag type 2  | 1             |
| <b>MK LEAK SEALING LANCE SET</b>     | <b>528388</b> Wedge-shaped sealing bag type 3  | 1             |
|                                      | <b>528389</b> Cone-shaped sealing bag  | 1             |
|                                      | <b>528618</b> Push and inflation rod, 35 cm (14'), chain, deflation nipple, 0.5 kg (1.1 lbs)         | 1             |
|                                      | <b>528619</b> Push and inflation rod, 35 cm (14'), 0.4 kg (0.88 lbs)                                 | 3             |
|                                      | <b>529510</b> Shut-off unit, 0.7 kg (1.5 lbs)  | 1             |
|                                      | <b>528873</b> Foot-operated pump with safety valve, 1.5 bar (22 psi), 2.9 kg (6.4 lbs)               | 1             |
|                                      | <b>529087</b> Splash disc, 0.04 kg (0.088 lbs)   | 1             |
|                                      | <b>78096</b> Type T2   | 1             |
|                                      | <b>78099</b> Type T3   | 1             |
| <b>MK MINI LEAK SEALING BAGS SET</b> | <b>528873</b> Foot-operated pump with safety valve, 1.5 bar (22 psi), 2.9 kg (6.4 lbs)               | 1             |
|                                      | <b>60167</b> Fastening belts, 150 cm (5') long, yellow, 0.2 kg (0.44 lbs)                            | 2             |
|                                      | <b>60169</b> Fastening belts, 300 cm (10') long, yellow, 0.4 kg (0.88 lbs)                           | 3             |
|                                      | <b>515713</b> SB 1 125 × 250 mm (5" × 10")   | 1             |
|                                      | <b>525813</b> SB 2 125 × 980 mm (5" × 39")   | 1             |
| <b>MK SEALING BANDAGES SET</b>       | <b>525277</b> SB 5 250 × 800 mm (10" × 32")  | 1             |
|                                      | <b>516042</b> SB 7 450 × 1300 mm (18" × 51")   | 1             |
|                                      | <b>525814</b> SB 8 450 × 1700 mm (18" × 70")   | 1             |
|                                      | <b>576567</b> Inflation hose EPDM with chain and deflation nipple, 10 m (33'), 3.0 kg (6.6 lbs)      | 1             |
|                                      | <b>542488</b> Elliptical Plugy G1 50-80 C  | 1             |
|                                      | <b>542489</b> Elliptical Plugy G2 80-130 C   | 1             |
|                                      | <b>542490</b> Elliptical Plugy G3 100-160 C  | 1             |
|                                      | <b>523289</b> Pneumatic plug type Z1 C   | 1             |
|                                      | <b>523290</b> Pneumatic plug type Z1 1/2 C   | 1             |
| <b>MK PIPE PLUG KIT</b>              | <b>523292</b> Pneumatic plug type Z2/3 C   | 1             |
|                                      | <b>523294</b> Pneumatic plug type Z3/4 C   | 1             |
|                                      | <b>523296</b> Pneumatic plug type Z4/6 C   | 1             |
|                                      | <b>523302</b> Pneumatic plug type S2 C   | 1             |
|                                      | <b>523304</b> Pneumatic plug type S3/4 C   | 1             |
|                                      | <b>523307</b> Pneumatic plug type S4/6 C   | 1             |
|                                      | <b>541951</b> Tyre valve extension hose 1 m (3.3'), 0.1 kg (0.22 lbs)                                | 2             |
|                                      | <b>551285</b> Inflation hose 3 m (10'), antistatic, 0.3 kg (0.66 lbs)                                | 1             |
|                                      | <b>541957</b> Static discharge kit, 0.5 kg (1.1 lbs)   | 1             |
|                                      | <b>541960</b> Hand pump - mini, 0.2 kg (0.44 lbs)  | 1             |
|                                      | <b>541952</b> Shut-off valve R 1/8", 0.3 kg (0.66 lbs)   | 1             |
|                                      | <b>541953</b> Shut-off valve R 1/2", 0.3 kg (0.66 lbs)   | 1             |
|                                      | <b>541958</b> Bag of corks, 0.03 kg (0.066 lbs)  | 1             |
|                                      | <b>580018</b> Controlling pressure gauge - up to 3 bar (44 psi), 0.2 kg (0.44 lbs)                   | 1             |
| <b>MK OIL-RESISTANT PLUGSY SET</b>   | <b>576566</b> Inflation hose 10 m (33'), black, 3.0 kg (6.6 lbs)                                     | 1             |
|                                      | <b>567165</b> CR inflation hose 3 m (10'), black, 1.5 kg (3.3 lbs)                                   | 2             |
|                                      | <b>560195</b> Pressure reducer - 200/300 bar (2900/4350psi), 1.7 kg (3.7 lbs)                        | 1             |
|                                      | <b>60310</b> Single fitting controller 2.5 bar (36 psi), 0.9 kg (2 lbs)                              | 1             |
|                                      | <b>526635</b> Plugsy C 200-400   | 1             |
|                                      | <b>525324</b> Air cylinder 2l (122 cu.in.) - 200 bar (2900 psi), 3 kg (6.6 lbs)                      | 1             |

**THIS IS OUR STANDARD MEGA SET. CUSTOM MADE MEGA KITS ARE AVAILABLE UPON REQUEST.**

# Flexible tanks

USER MANUAL



# 3.1

## SELF-SUPPORTING INTERCEPTIVE TANKS

**SELF-SUPPORTING DESIGN**

**STORAGE OF VARIOUS LIQUIDS**

**SUPERB STABILITY**

**EASY TO MAINTAIN**



### TECHNICAL DATA

| TYPE     | PART NUMBER | CAPACITY   | DIMENSIONS |          |            |           |            |           | WEIGHT   | VALVE | NO. OF SIDES |  |  |  |
|----------|-------------|------------|------------|----------|------------|-----------|------------|-----------|----------|-------|--------------|--|--|--|
|          |             |            | EMPTY      |          | FULL       |           |            |           |          |       |              |  |  |  |
|          |             |            | DIAMETER   |          | DIAMETER   |           | HEIGHT     |           |          |       |              |  |  |  |
|          |             |            | BOTTOM     | HEIGHT   | BOTTOM     | TOP       | RUBBER     |           |          |       |              |  |  |  |
| PS 1000  | 518567      | 1 / 264    | 2.2 / 87"  | 0.2 / 8" | 2.2 / 87"  | 1.4 / 55" | 0.8 / 39"  | 18 / 40   | R 2"     | 6     |              |  |  |  |
| PS 1500  | 530604      | 1.5 / 396  | 2.2 / 87"  | 0.2 / 8" | 2.2 / 87"  | 1.4 / 55" | 0.8 / 39"  | 24 / 53   | R 2"     | 6     |              |  |  |  |
| PS 2000  | 516537      | 2 / 528    | 2.6 / 102" | 0.2 / 8" | 2.6 / 102" | 1.5 / 59" | 0.9 / 35"  | 28 / 62   | R 2"     | 6     |              |  |  |  |
| PS 2500  | 530605      | 2.5 / 660  | 2.6 / 102" | 0.2 / 8" | 2.6 / 102" | 1.5 / 59" | 0.9 / 35"  | 29 / 64   | R 2"     | 6     |              |  |  |  |
| PS 3000  | 76489       | 3 / 793    | 2.5 / 98"  | 0.2 / 8" | 2.5 / 98"  | 1.7 / 67" | 0.9 / 35"  | 32 / 71   | R 2"     | 6     |              |  |  |  |
| PS 4000  | 530606      | 4 / 1056   | 2.9 / 10'  | 0.2 / 8" | 2.9 / 10'  | 2 / 79"   | 1.1 / 43"  | 40 / 88   | R 2"     | 6     |              |  |  |  |
| PS 5000  | 77789       | 5 / 1320   | 3.1 / 10'  | 0.2 / 8" | 3.1 / 10'  | 2.2 / 87" | 1.2 / 47"  | 45 / 99   | R 2"     | 6     |              |  |  |  |
| PS 6000  | 510478      | 6 / 1584   | 3.5 / 11'  | 0.2 / 8" | 3.5 / 11'  | 2.5 / 98" | 1.15 / 45" | 51 / 112  | R 2"     | 6     |              |  |  |  |
| PS 8000  | 521396      | 8 / 2113   | 4 / 13'    | 0.2 / 8" | 4 / 13'    | 2.9 / 10' | 1.2 / 47"  | 58 / 128  | R 2"     | 6     |              |  |  |  |
| PS 10000 | 519742      | 10 / 2641  | 4.4 / 14'  | 0.2 / 8" | 4.4 / 14'  | 3.2 / 10' | 1.2 / 47"  | 81 / 179  | R 2"     | 8     |              |  |  |  |
| PS 12000 | 510479      | 12 / 3169  | 4.6 / 15'  | 0.2 / 8" | 4.6 / 15'  | 3.5 / 11' | 1 / 39"    | 95 / 209  | R 2"     | 8     |              |  |  |  |
| PS 15000 | 530607      | 15 / 3962  | 5 / 16'    | 0.2 / 8" | 5 / 16'    | 4 / 13'   | 1.2 / 47"  | 104 / 229 | R 2"     | 8     |              |  |  |  |
| PS 20000 | 530608      | 20 / 5283  | 5.7 / 19'  | 0.2 / 8" | 5.7 / 19'  | 4.4 / 14' | 1.2 / 47"  | 122 / 269 | R 2"     | 8     |              |  |  |  |
| PS 25000 | 530609      | 25 / 6603  | 6 / 20'    | 0.2 / 8" | 6 / 20'    | 5 / 16'   | 1.2 / 47"  | 142 / 313 | R 2"     | 10    |              |  |  |  |
| PS 30000 | 530610      | 30 / 7924  | 6.5 / 21'  | 0.2 / 8" | 6.5 / 21'  | 5.5 / 18' | 1.2 / 47"  | 159 / 351 | 2 × R 2" | 10    |              |  |  |  |
| PS 40000 | 530611      | 40 / 10566 | 7.5 / 25'  | 0.2 / 8" | 7.5 / 25'  | 6.2 / 20' | 1.3 / 51"  | 202 / 445 | 2 × R 2" | 10    |              |  |  |  |
| PS 50000 | 530612      | 50 / 13207 | 8.3 / 27'  | 0.2 / 8" | 8.3 / 27'  | 7 / 23'   | 1.3 / 51"  | 235 / 518 | 2 × R 2" | 12    |              |  |  |  |

### MATERIALS



PES (polyester) fabric coated with NBR/PVC provides resistance to UV rays, ozone and other heavy weather conditions.

# SELF-SUPPORTING INTERCEPTIVE TANKS

3.1

## STANDARD EQUIPMENT

SUPPLIED WITH EACH TANK



COUPLING SYSTEM –  
STORZ C SYSTEM



INFLATION HOSE FOR  
INFLATABLE COLLAR  
(WITH THE CONNECTOR  
TO THE COMPRESSOR)

## OPTIONAL EQUIPMENT

PURCHASED SEPARATELY



REPAIR KIT



GROUNDSHEET



TOP COVER



PACKING BAG



HAND PUMP  
**6l** (366 cu.in.), **2.8 kg** (6 lbs)  
537734  
**4l** (244 cu.in.), **2.3 kg** (5 lbs)  
539072

THE NUMBER AND SIZE OF THE FILLING/DISCHARGE PORTS CAN BE ADAPTED TO CUSTOMER REQUIREMENTS.



BALL VALVE

## 3.2

## CLOSED RUBBER TANKS

STORAGE  
OF VARIOUS LIQUIDSEXTRA  
DURABLE MATERIALA WIDE CHOICE  
OF DIFFERENT SIZESEASY  
TO MAINTAIN

## TECHNICAL DATA

| TYPE     | PART NUMBER | CAPACITY<br>[m³] /<br>[US gallons] | DIMENSIONS                       |                                 |                                  |                                 |                           | WEIGHT<br>[kg] /<br>[lbs] | VALVE    |           |  |
|----------|-------------|------------------------------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------|---------------------------|----------|-----------|--|
|          |             |                                    | EMPTY                            |                                 | FULL                             |                                 |                           |                           | RUBBER   | INFLATION |  |
|          |             |                                    | LENGTH<br>[m] /<br>[inch or ft.] | WIDTH<br>[m] /<br>[inch or ft.] | LENGTH<br>[m] /<br>[inch or ft.] | WIDTH<br>[m] /<br>[inch or ft.] | HEIGHT<br>[m] /<br>[inch] |                           |          |           |  |
| ZR 250   | 530702      | 0.25 / 66                          | 1.3 / 51"                        | 1.1 / 43"                       | 1.1 / 43"                        | 0.9 / 35"                       | 0.4 / 16"                 | 5 / 11                    | R 1"     | R 1"      |  |
| ZR 500   | 59652       | 0.5 / 132                          | 1.8 / 71"                        | 1.1 / 43"                       | 1.4 / 55"                        | 0.9 / 35"                       | 0.5 / 20"                 | 7 / 15                    | R 1"     | R 1"      |  |
| ZR 800   | 530703      | 0.8 / 211                          | 1.9 / 75"                        | 1.5 / 59"                       | 1.5 / 59"                        | 1.2 / 47"                       | 0.6 / 24"                 | 10 / 22                   | R 1"     | R 1"      |  |
| ZR 1000  | 59653       | 1 / 264                            | 2.2 / 87"                        | 1.5 / 59"                       | 1.9 / 74"                        | 1.3 / 51"                       | 0.6 / 24"                 | 12 / 26                   | R 2"     | R 1"      |  |
| ZR 1500  | 530704      | 1.5 / 396                          | 2.4 / 94"                        | 1.9 / 75"                       | 2 / 79"                          | 1.5 / 59"                       | 0.7 / 28"                 | 17 / 37                   | R 2"     | R 1"      |  |
| ZR 2000  | 63360       | 2 / 528                            | 2.5 / 98"                        | 1.9 / 75"                       | 2.1 / 83"                        | 1.5 / 59"                       | 0.7 / 28"                 | 19 / 42                   | R 2"     | R 1"      |  |
| ZR 2500  | 530705      | 2.5 / 660                          | 2.6 / 102"                       | 2.2 / 87"                       | 2.1 / 83"                        | 1.7 / 67"                       | 0.9 / 35"                 | 20 / 44                   | R 2"     | R 1"      |  |
| ZR 3000  | 51095       | 3 / 793                            | 3 / 10'                          | 2.4 / 94"                       | 2.6 / 102"                       | 2 / 79"                         | 1 / 39"                   | 27 / 60                   | R 2"     | R 1"      |  |
| ZR 4000  | 530706      | 4 / 1057                           | 3.5 / 11'                        | 2.4 / 94"                       | 3.1 / 10'                        | 2 / 79"                         | 1 / 39"                   | 29 / 64                   | R 2"     | R 1"      |  |
| ZR 5000  | 74037       | 5 / 1321                           | 4.4 / 14'                        | 2.4 / 94"                       | 3.9 / 13'                        | 2 / 79"                         | 1 / 39"                   | 42 / 93                   | R 2"     | R 1"      |  |
| ZR 6000  | 530727      | 6 / 1585                           | 5 / 16'                          | 2.4 / 94"                       | 4.4 / 14'                        | 2 / 79"                         | 1.1 / 43"                 | 45 / 99                   | R 2"     | R 1"      |  |
| ZR 8000  | 530707      | 8 / 2113                           | 3.8 / 12'                        | 3.5 / 11'                       | 3.1 / 10'                        | 3 / 10'                         | 1.1 / 43"                 | 48 / 106                  | R 2"     | R 1"      |  |
| ZR 10000 | 60783       | 10 / 2642                          | 4 / 13'                          | 3.8 / 12'                       | 3.5 / 11'                        | 3.3 / 11'                       | 1.1 / 43"                 | 51 / 112                  | 2 × R 2" | R 2"      |  |
| ZR 12000 | 530708      | 12 / 3170                          | 4.3 / 14'                        | 3.8 / 12'                       | 3.8 / 12'                        | 3.3 / 11'                       | 1.2 / 47"                 | 61 / 134                  | 2 × R 2" | R 2"      |  |
| ZR 15000 | 530709      | 15 / 3962                          | 5 / 16'                          | 3.8 / 12'                       | 4.5 / 15'                        | 3.3 / 11'                       | 1.2 / 47"                 | 75 / 165                  | 2 × R 2" | R 2"      |  |
| ZR 20000 | 530710      | 20 / 5283                          | 5.5 / 18'                        | 4.9 / 16'                       | 5 / 16'                          | 4.4 / 14'                       | 1.3 / 51"                 | 92 / 203                  | 2 × R 2" | R 2"      |  |
| ZR 25000 | 530711      | 25 / 6604                          | 5.7 / 19'                        | 5.3 / 17'                       | 5.1 / 17'                        | 4.8 / 16'                       | 1.3 / 51"                 | 126 / 278                 | 2 × R 2" | R 2"      |  |
| ZR 30000 | 530712      | 30 / 7925                          | 6.1 / 20'                        | 5.7 / 19'                       | 5.3 / 17'                        | 4.9 / 16'                       | 1.3 / 51"                 | 154 / 340                 | R 4"     | R 2"      |  |
| ZR 35000 | 530713      | 35 / 9246                          | 6.3 / 21'                        | 6.1 / 20'                       | 5.5 / 18'                        | 5.3 / 17'                       | 1.4 / 55"                 | 170 / 375                 | R 4"     | R 2"      |  |
| ZR 40000 | 530714      | 40 / 10567                         | 6.7 / 22'                        | 6.3 / 21'                       | 5.9 / 19'                        | 5.5 / 18'                       | 1.4 / 55"                 | 187 / 412                 | R 4"     | R 2"      |  |
| ZR 45000 | 530715      | 45 / 11888                         | 12.8 / 42'                       | 4.3 / 14'                       | 12.3 / 40'                       | 3.8 / 12'                       | 1.2 / 47"                 | 208 / 459                 | R 4"     | R 2"      |  |
| ZR 50000 | 530716      | 50 / 13209                         | 7.4 / 24'                        | 6.7 / 22'                       | 6.5 / 21'                        | 5.8 / 19'                       | 1.5 / 59"                 | 220 / 485                 | R 4"     | R 2"      |  |

## CLOSED RUBBER TANKS

3.2

### MATERIALS

PES (polyester) fabric coated with NBR/PVC provides resistance to UV rays, ozone and other heavy weather conditions.



### STANDARD EQUIPMENT

SUPPLIED WITH EACH TANK



PVC BALL VALVE,  
SIZES:  
R 1", R 2" OR R 4"



VENT R 2"  
(from 10–50 m<sup>3</sup>)  
(from ZR 10000  
to ZR 50000)



VENT R 1" (up to 10 m<sup>3</sup>)  
(up to ZR 10000)

### OPTIONAL EQUIPMENT

PURCHASED SEPARATELY



REPAIR KIT



GROUNDSHEET



TOP COVER



PACKING BAG

THE NUMBER AND SIZE OF THE FILLING/DISCHARGE PORTS CAN BE ADAPTED TO CUSTOMER REQUIREMENTS.

# 3.3

## MOBILE DECANTING UNITS

A wide range  
of applications

Simplicity

Versatile  
usability

Low  
weight



### TECHNICAL DATA

| TYPE     | PART NUMBER | CAPACITY  | DIMENSIONS (OUTER SIDE) |           |          | WEIGHT    | WORKING PRESSURE | NO. OF HANDLES |  |  |  |
|----------|-------------|-----------|-------------------------|-----------|----------|-----------|------------------|----------------|--|--|--|
|          |             |           | FULL                    |           |          |           |                  |                |  |  |  |
|          |             |           | LENGTH                  | WIDTH     | HEIGHT   |           |                  |                |  |  |  |
| MP 800   | 76103       | 0.8 / 211 | 2.9 / 10'               | 2.4 / 94" | 0.2 / 8" | 20 / 44   | 0.3 / 4.35       | 4              |  |  |  |
| MP 1000  | 530613      | 1 / 264   | 3.4 / 11'               | 2.4 / 94" | 0.2 / 8" | 23 / 51   | 0.3 / 4.35       | 4              |  |  |  |
| MP 1500  | 76102       | 1.5 / 396 | 3.9 / 13'               | 2.9 / 10' | 0.2 / 8" | 30 / 66   | 0.3 / 4.35       | 4              |  |  |  |
| MP 2000  | 530614      | 2 / 528   | 4.4 / 14'               | 3.4 / 11' | 0.2 / 8" | 39 / 86   | 0.3 / 4.35       | 4              |  |  |  |
| MP 3000  | 530615      | 3 / 793   | 5.4 / 18'               | 3.9 / 13' | 0.2 / 8" | 52 / 115  | 0.3 / 4.35       | 4              |  |  |  |
| MP 4000  | 73157       | 4 / 1057  | 7.4 / 24'               | 3.9 / 13' | 0.2 / 8" | 69 / 152  | 0.3 / 4.35       | 4              |  |  |  |
| MP 5000  | 79358       | 5 / 1321  | 8.9 / 29'               | 3.9 / 13' | 0.2 / 8" | 82 / 181  | 0.3 / 4.35       | 4              |  |  |  |
| MP 6000  | 60773       | 6 / 1585  | 10.4 / 34'              | 3.9 / 13' | 0.2 / 8" | 95 / 209  | 0.3 / 4.35       | 4              |  |  |  |
| MP 7000  | 70053       | 7 / 1849  | 12.4 / 41'              | 3.9 / 13' | 0.2 / 8" | 113 / 149 | 0.3 / 4.35       | 4              |  |  |  |
| MP 10000 | 530616      | 10 / 2642 | 17.4 / 57'              | 3.9 / 13' | 0.2 / 8" | 156 / 344 | 0.3 / 4.35       | 4              |  |  |  |
| MP 12000 | 530617      | 12 / 3170 | 20.4 / 67'              | 3.9 / 13' | 0.2 / 8" | 182 / 401 | 0.3 / 4.35       | 4              |  |  |  |

### MATERIALS



PES (polyester) fabric coated with NBR/PVC provides resistance to UV rays, ozone and other heavy weather conditions.

### EQUIPMENT

#### SUPPLIED TOGETHER WITH EACH TANK



INFLATION HOSE FOR  
INFLATABLE COLLAR  
(WITH THE CONNECTOR  
TO THE COMPRESSOR)



INFLATION VALVE C7

#### PURCHASED SEPARATELY



HAND PUMP  
6l (366 cu.in.),  
2.8 kg (6 lbs)  
537734  
4l (244 cu.in.),  
2.3 kg (5 lbs)  
539072

THE NUMBER AND SIZE OF THE FILLING/DISCHARGE PORTS CAN BE ADAPTED TO CUSTOMER REQUIREMENTS.



# **Warranty & About us**



## 1. GENERAL CONDITIONS

- 1.1. These warranty conditions apply as for Environmental protection and rescue products, manufactured by Trelleborg Slovenija, d.o.o. (hereinafter referred to as TBSLO), Product Area Environmental protection and rescue products (Products). If any provision of this warranty conditions would be contrary to any mandatory legal provisions in any particular jurisdiction, such provision shall apply to a maximum extent as provided for by such mandatory legal provisions.
- 1.2. Products which may be sold by TBSLO Product Area Environmental protection and rescue products but are not manufactured by it are not covered by this warranty and are sold exclusively with warranties, if any, by their original manufacturer.

## 2. MANAGEMENT OF THE PRODUCTS

- 2.1. In order to claim a remedy pursuant to this warranty, purchaser must conform to instructions for management of the Products, available at [www.trelleborgslovenija.com/eko-warranty-conditions](http://www.trelleborgslovenija.com/eko-warranty-conditions)

## 3. WARRANTY

- 3.1. TBSLO warrants to the purchaser that for the period of twelve (12) months as of delivery of the Products, such Products shall be free from defects in material and workmanship, subject to normal and management of the Products, including, among others, proper storage. For high pressure lifting bags, the warranty period amounts to thirty-six (36) months as of delivery.
- 3.2. This warranty shall be in lieu of any other warranties, express or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose.

## 4. EXCLUSION OF WARRANTY

- 4.1. Warranty shall be excluded in cases where the Products have not been used for the ordinary purpose or have been subject to abnormal conditions such as, but not limited to misuse, mishandling (such as, but not limited to, cuts, tears, vandalism, fire, wilful destruction, improper installation and/or improper maintenance, misapplication), use of unauthorized components or attachments or if adjustments or repairs have been performed by anyone other than TBSLO or its authorized agents.
- 4.2. Warranty shall also be excluded and TBSLO shall not be held liable in case of force majeure circumstances, such as, but not limited to:
- war or threat of war, sabotage, insurrection, riots or requisition;
  - all laws, restrictions, regulations, by-laws, prohibitions or any other measures by the governmental, parliamentary or local bodies;
  - import and export regulations or embargo;
  - strikes, lock-outs or other industrial measures or trade disputes (if including Manufacturer's employees or third party);
  - difficulties with supply of raw materials, work force, fuel, parts or machinery;
  - power blackout, break of machinery.
- 4.3. TBSLO shall not be held liable for any deficiencies in Products manufactured according to drawings, designs, project drafts and/or specifications provided by the purchaser.
- 4.4. Ordinary wear and tear are not covered by this warranty.

## 5. MAKING A WARRANTY CLAIM

- 5.1. Purchaser is obliged to take delivery of the Products and perform an ordinary inspection of the Product upon delivery.

5.2. Any claim by the purchaser with reference to the Products shall be deemed waived unless submitted in writing to TBSLO within the earlier of (I) eight days as of the discovery of the defect, or (II) twelve months as of the date of delivery of the Products or thirty-six (36) months as of delivery of high pressure lifting bags. Discovery of the defect is deemed to have occurred when a defect could have reasonably been detected by the purchaser.

5.3. Claim must at least contain the following data:

- part number,
- serial number,
- description of defect,

and must be substantiated by adequate evidence, such as pictures... Upon request, TBSLO must be allowed to inspect the Product.

5.4. To obtain performance under this warranty, any products suspected of having a manufacturing defect in materials or workmanship shall be returned freight prepaid for inspection to TBSLO, Product Area Environmental protection and rescue products, Škofjeloška c. 6, 4000 Kranj, Slovenia.

## 6. REMEDIES

- 6.1. TBSLO shall decide on a claim within forty-five days after receiving a complete documentation and Product pursuant to art 5.
- 6.2. Providing TBSLO acknowledges the claim as justified, it shall, at its discretion, either:
- repair the Product,
  - replace those components of the Product which are defective,
  - replace the Product, if repair is not possible or reasonable,
  - reimburse the consideration for the Product or its components which are defective.
- 6.3. Whenever TBSLO repairs or replaces the Product at its expense or reimburses the purchase price, it shall reimburse the purchaser, with a credit note, the same surface freight amount the purchaser had when returning the Product to TBSLO.
- 6.4. Remedies pursuant to this article 6 shall constitute the sole and exclusive remedy in the event of a breach of warranty. For the avoidance of doubt, TBSLO shall not be liable for any incidental, consequential and/or non-pecuniary damages or damages having a comparable effect. TBSLO's aggregate liability in respect of any and all losses arising under or in connection to the contract/purchase order/any similar document that is the basis for sale of Products, shall be limited to an amount equal to the invoiced price for the Products supplied. Any exclusions or limitations of liability are agreed to be extended for the benefit of all entities within TBSLO's group.

## 7. CLOSING PROVISIONS

- 7.1. No statement or action by Trelleborg Slovenija, whether express or implied, other than set forth herein, shall constitute a warranty.
- 7.2. Any applicability of general terms and conditions used by the purchaser, wherever stated, is hereby explicitly excluded, notwithstanding any provisions of such general terms and conditions to the contrary.
- 7.3. This warranty statement is subject to the laws of the Republic of Slovenia, with the exclusion of its conflict of law principles.

Kranj, January 2019

KNOWLEDGE  
AND EXPERIENCEPROFESSIONAL  
SERVICEQUALITY  
PRODUCTSA PARTNER  
TO RELY ON

**We are a division of Trelleborg Slovenija d.o.o.. We manufacture and sell rubber products for environmental protection and rescue operations and industrial use. Our growing division was established more than thirty years ago and is constantly striving to meet our customer's current and future needs and expectations.**

#### KNOWLEDGE AND EXPERIENCE

Thirty years of experience and knowledge, investment in new technology, team-work and working closely with our business partners, have enabled us to develop new and exciting products and to continuously improve our existing product range.

#### PROFESSIONAL SERVICE

A professional but caring approach, flexibility and quick delivery times combined to provide the ideal service in support of our quality product range.

#### QUALITY PRODUCTS

When assessing quality of our products we carefully consider a number of criteria including environmental suitability, ease of use, design, safety, reliability, and packaging. Our production facilities are certified to the ISO 9001 and ISO 14001 standards.

#### A PARTNER TO RELY ON

We understand the value of long-term partnership. Our aim is to develop trusting relationships, which foster success and bring benefits to both our partners and ourselves.

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way.

Trelleborg Industrial Solutions is a leading supplier of polymer-based critical solutions in selected industrial application areas and infrastructure projects.



<https://www.trelleborg.com/en/seals-and-profiles>



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