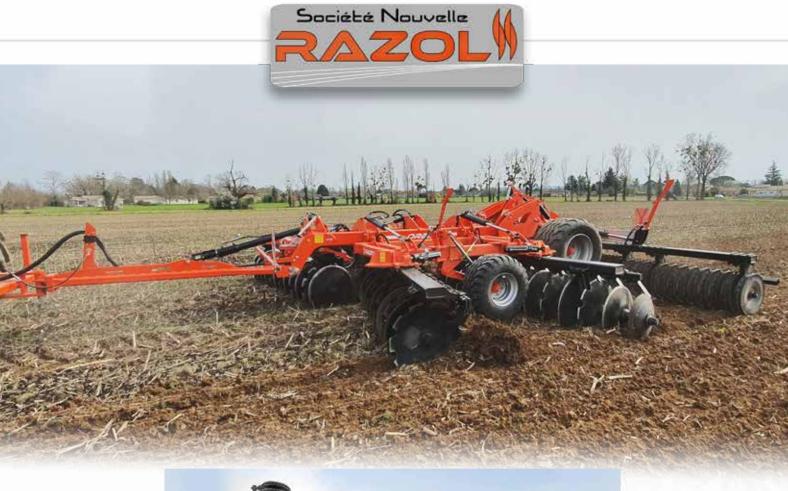
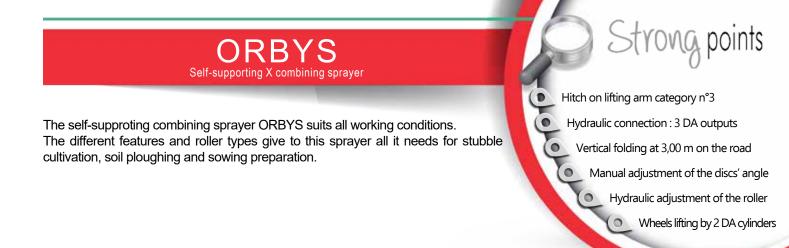
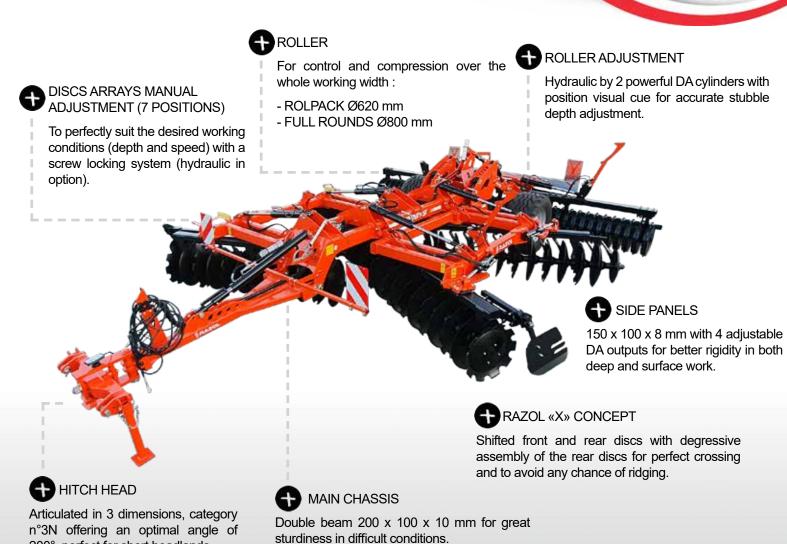
# ORBYS

Self-supporting X combining sprayer





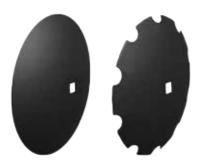






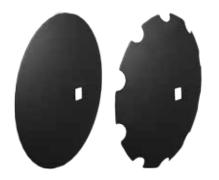
## DISCS WITH INSIDE SHARPENING

Discs Ø660



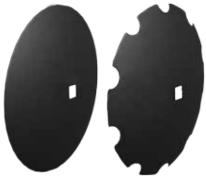
- Mounted on square shaft 40 mm
- Spacing between discs 200 or 230 mm | •
- Thickness available: 6, 7 and 8 mm

#### Discs Ø710



- Mounted on square shaft 40 mm
- - Thickness available: 7 and 8 mm

#### Discs Ø730



- Mounted on square shaft 50 mm
- Spacing between discs 270 mm
- Thickness available: 7 and 8 mm

### **SQUARE BEARING 40 mm**

Square bearing 40 mm



- Cast iron lids and bearing housings
- Steel sheath
- Tapered roller bearings

# Square bearing 40 mm with standard protection





# Square bearing 40 mm with reinforced protection



## SQUARE BEARING 50 mm

Square bearing 50 mm



- · Steel lids and bearing housings
- Steel sheath
- Tapered roller bearings

# Square bearing 50 mm with standard protection





# Square bearing 50 mm with reinforced protection



### **ACCESSORIES**









Fixed inside the first disc to avoid excessive earth projection outside the tool working width.

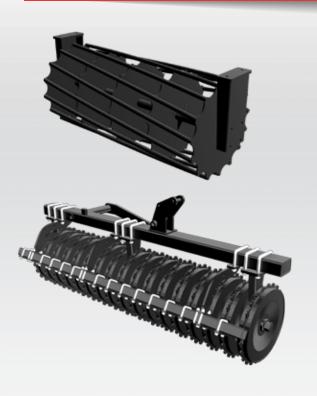


All directions adjutable, it prevents earth projection of the front array from getting out of the rear array working width.

+ CONTROL WHEELS 400/60 - 15.5 FL+

Manually adjustable and fixed to the discs arrays, they ensure the machine's stablity for large width.

# ROLLER





Ø800 mm, 15 rounds Ø35 mm Flanged ball bearings Ø60 mm

- Stony and soft lands
- Silt and sands
- Weight: 300 kg/m



Ø620 mm, crenellated solid wheels Pitch of 150 mm

- Stony and dry lands
- All conditions
- Tamps and stabilises
- Weight: 395 kg/m



**POWER** from 140 to 280 CV

- CHASSIS steel beam 200 x 100 x 10 mm
- PANELS 150 x 100 x 8 mm with hydraulic lock in transport mode
- HITCH articulated head with clevises category n°3 on lifting arm
- ARRAYS 150 x 100 x 8 mm (or 200 x 100 x 8 mm if higher than 6,50 m or if ORBYS 50), manual angle adjustment 7 positions from 10 to 24°, locked with screw
- Manganese-silica SHAFT 40 mm (ORBYS 40), bearing with double rows of tapered rollers « crop » type, lubrication every 100 hours
- Manganese-silica SHAFT 50 mm (ORBYS 50), bearing with double rows of tapered rollers « crop » type and protection shell, lubrication every 100 hours
- Standard equipments BOOM CYLINDER for the hitch as standard
- AXLE square of 90 mm, 8 axes
- WHEELS 560/45 R 22.5 FL PRO radial
- ROLLER ADJUSTMENT 2 DA cylinders, 3<sup>rd</sup> point arm with screw, position visual cue
- VERTICAL FOLDING by 4 DA cylinders
- TRUCK 2 DA cylinder
- Mechanical coupling hydraulic BRAKE as standard

ORBYS 40 - 200 mm / 660-6 mm	52 discs	56 discs		60 discs	64 discs	68 discs
Working width	5,10 m	5,50 m		5,90 m	6,30 m	6,65 m
Roller working width	5,70 m	6,00 m		6,60 m	6,90 m	7,50 m
Power	140 to 180 cv	160 to 200 cv		180 to 220 cv	200 to 240 cv	220 to 280 cv
Number of bearings	12	12		16	16	16
Weight	6 195 kg	6 330 kg		6 520 kg	6 980 kg	7 540 kg
ORBYS 40 - 230 mm / 660-6 mm	44 discs	48 discs		52 discs	56 discs	60 discs
Working width	5,00 m	5,45 m		5,90 m	6,35 m	6,80 m
Roller working width	5,70 m	6,00 m		6,60 m	6,90 m	7,50 m
Power	140 to 180 cv	160 to 200 cv		180 to 220 cv	200 to 240 cv	220 to 280 cv
Number of bearings	12	12		16	16	16
Weight	5 947 kg	6 150 kg		6 370 kg	6 860 kg	7 350 kg
ORBYS 50 - 270 mm / 730-7 mm	40 discs		44 discs		48 discs	
Working width	5,20 m		5,70 m		6,25 m	
Roller working width	5,70 m		6,30 m		6,90 m	
Power	180 to 220 cv		200 to 240 cv		220 to 280 cv	
Number of bearings	16		16		16	
Weight	7 090 kg		7 220 kg		7 450 kg	

#### Options and accessories:

- · Bearing protection shell
- · Additional bearing
- Wheels 620/40-R22.5
- Long hitch
- · Hitch with clevises category 4
- Independent hydraulic adjustment of front and rear arrays
- Deflector discs
- Side deflectors
- Control wheels
- Hectare counter
- Multifunction hydraulic selector

### **ROLLER MANDATORY**

- CHASSIS double beam 150 x 100 x 10 for ROLPACK
- CHASSIS single beam 250 x 250 x 10 for FULL ROUNDS
- ARRAYS steel beam 150 x 100 x 10 mm

- NUMBER OF ELEMENTS: 2 for ROLPACK 3 for FULL ROUNDS
- VERTICAL FOLDING by 2 DA cylinders with hydraulic lock for transport mode

FULL ROUNDS	Weight	2 250 kg	2 370 kg	2 520 kg	2 607 kg	2 725 kg	2 965 kg
Ø800 mm, 15 rounds							
ROLPACK	Number of bearings	6	8	8	8	8	8
Ø620 mm, crenellated wheels	Weight	1 690 kg	1 780 kg	1 850 kg	1 930 kg	2 000 kg	2 190 kg

#### Accessories:

· ROLPACK roller scraper ramp

#### Devices with INDEPENDENT DISCS

SKYRON fixed independent disc harrow SKYRON folding independent disc harrow SKYRON self-supporting independent disc harrow

#### Devices with DISCS X

ORBYS self-supporting X combining sprayer ZÉNITH RXH self-supporting X combining sprayer ZÉNITH RGH self-supporting X combining sprayer ZÉNITH RZH self-supporting X combining sprayer ZÉNITH RJH self-supporting X combining sprayer PHÉNIXTGX self-supporting X sprayer PHÉNIXTBX self-supporting X sprayer

#### Devices with DISCS V

CWH - CWHR super heavy self-supporting V Cover Crop SYNCHRONIC CIN self-supporting V Cover Crop CLH - CVH heavy self-supporting V Cover Crop CIH - CJH self-supporting V Cover Crop

#### Devices with SUPPORTED DISCS

VITICROP mounted X sprayer
VINIDISC mounted disc harrow
TXL mounted X sprayer
TRW heavy-duty mounted reversible sprayer
CCW - CCU mounted reversible sprayer

#### O Devices for ROLLING

TORO - RVH self-supporting cast iron roller RVH EVO self-supporting steel smooth roller

#### O Devices with TINES

KILIS - KILIS R combined cultivator with flexible tines TÉOS - TÉOS R stubble cultivator with curved tines 3 rows

#### O Devices for LOOSENING

ARASOL AVS - AVR supported subsoiler
ARAPLOW ACV supported decompactor
ARAPLOW ACM - ACMH supported decompactor
ARAMULCH ADM - ADMH supported decompactor
DVV supported subsoiler for vineyard and orchards

#### Devices for SPRING

BLI - BMI - BSI folding and fixed mounted cultivator

