```
00 Label:
                 Step: Emer move
                                  M46.W = 0
    Emer_move != 0
                                                       TON_77(3000)
                                                                                                         Emer_move = 0
        ___]>[___
                                                                                                            — (T)—
     %M46.W != 0x0
                                                                                                          %M46.W = 0x0
    Start motori > 0
                                                                                                         Emer_move = 1
       ___]>[___
                                                                                                            — (T)—
     %M50.W > 0x0
                                                                                                          M46.W = 0x1
                                                                                                           goto(END)
                                                                                                           — (Т)—
   [T] TON_77(0xbb8) : TON_77(3000)
01 Label:
                Step: Emer_move %M46.W = 1
      Raz_pv == 5
                                                                        Index 14 = 0
                                                                                         Index 15 = 0
                                                                                                         Emer_move = 2
                                                                          — т —
       ____]>[____
                                                                                          — т —
                                                                                                            — (T)—
      %M58.W == 0x5
                                                                        M111a.W = 0x0
                                                                                         M111c.W = 0x0
                                                                                                          M46.W = 0x2
                                                                                                           goto(END)
                                                                                                            — (T)—
02 Label:
                Step: Emer move
                                   %M46.W = 2
                                                                   Allarme ID inesistente su motore traversa 1
     Tab_id == 0
                                                                                                           Alarm_pgm
                                                                                                                          tentativo di posizionare una ven
      ____]>[___
                                                                                                            — ( ) –
     %V1350.B == 0x0
                                                                                                            %V4031.5
                                                                                                         Emer_move = 5
                                                                                                           —— (T)—
                                                                                                          M46.W = 0x5
03 Label: ID
             Step: Emer_move
                                  %M46.W = 2
                                                                           index_15 = n° piani area AB
   Tab_id[Index_14] == Tab_id
                                                                                                         Index_15 += 1
        ___ ] > [ ___
                                                                                                          —— (T)——
   %V1350.B[%M111a.W] == %V1350.B
                                                                                                         M111c.W += 0x1
                                                                                                           goto(VAI)
                                                                                                            —— (F)—
```

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Index_14 += 7
                                                                                                    — (T)—
                                                                                                  %M111a.W += 0x7
                                                                                                    goto(ID)
                                                                                                    — (T) —
05 Label: VAI
               Step: Emer_move %M46.W = 2
     TON_77(3000)
                                    Index_2 = 0
                                                                                                  Emer_move = 3
                                     — т —
                                                                                                    — (T)—
                                    M1102.W = 0x0
                                                                                                   M46.W = 0x3
                                                                                                   goto(END)
                                                                                                    —— (T)—
  [T] TON_77(0xbb8) : TON_77(3000)
06 Label:
                 Step: Emer_move %M46.W = 3
     Movimento pv
                                                                                                       (1)
       — 1 [ —
                                                                                                      -(T)-
       %V4032.0
                                                                                                  Emer_move = 4
                                                                                                    — (T)—
                                                                                                   %M46.W = 0x4
                                                                                                   goto(END)
                                                                                                    — (T)—
   (1) %V4100.B = %V4000.B[%M1102.W] : V4100 = V4000[Index_2]
07 Label:
                 Step: Emer move %M46.W = 4
     Index_1 = 10
                    Index_3 = 0
                                    Index_4 = 0
                                                   Index_5 = 0
                                                                 Index_6 = 0
                                                                                  Index_11 = 0
                                                                                                  Index_8 = 0
      — т —
                      — т —
                                     — т —
                                                     — т —
                                                                    — т —
                                                                                   — т —
                                                                                                    — (T) —
                                    M1106.W = 0x0
                                                   M1108.W = 0x0
                                                                                  M1114.W = 0x0
                                                                                                  %M110e.W = 0x0
     M1100.W = 0xa
                    M1104.W = 0x0
                                                                   M110a.W = 0x0
     Index_14 = 0
     — т —
     M111a.W = 0x0
```

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Step: Emer move %M46.W = 2

**04** Label:

08 Label: FASE4 Step: Emer move %M46.W = 4 Movimento\_pv (1) (2) Icla\_move\_1[Index\_11] (3) (4) \_]>[\_\_ %V4010.0[%M1114.W] %V4032.0 Recup\_10\_[Index\_4] (5) \_\_\_\_]/[\_\_\_ —(T)— %V4500.4[%M1106.W] Index 1 += 10 — (T)— %M1100.W += 0xa  $Index_5 += 1$ —— (T)— %M1108.W += 0x1  $Index_4 += 7$ —— (T)— %M1106.W += 0x7 Index 8 += 28 ——— (T)—— %M110e.W += 0x1c (1) %V4500.3[%M1106.W] : Sincro\_10\_[Index\_4] (2) %V4100.B == %M1100.W : V4100 == Index\_1 (3) %V4500.4[%M1106.W] : Recup\_10\_[Index\_4] (4) %M2010.L[%M110e.W] = %V7018.L[%M104.W] - %V1290.B[%M1106.W] : Piano\_10[Index\_8] = Pos\_reale\_1[Index\_3] - Tab\_asola[Index\_4] (5) %M2010.L[%M110e.W] = %V7018.L[%M1104.W] + %V1290.B[%M1106.W] : Piano\_10[Index\_8] = Pos\_reale\_1[Index\_3] + Tab\_asola[Index\_4] 09 Label: Step: Emer\_move %M46.W Index\_5 == 12 Movimento\_pv goto(FASE4A) \_\_1 [\_ \_\_\_\_]>[\_\_\_ — (T)— %V4032.0 %M1108.W == 0xc

(1) M1104.W += 0x1 \* 0x10 : Index\_3 += 1 \* 16

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10 Label: FASE4A Step: Emer\_move %M46.W = 4

| - 1 | $Index_1 = 11$ | $Index_3 = 0$       | $Index_4 = 0$ | $Index_5 = 0$       | $Index_6 = 0$       | $Index_11 = 0$ | $Index_8 = 0$ |
|-----|----------------|---------------------|---------------|---------------------|---------------------|----------------|---------------|
| H   | T              | T<br>%M1104.W = 0x0 | T             | T<br>%M1108.W = 0x0 | T<br>%M110a.W = 0x0 | T              | (T)           |
|     |                |                     |               |                     |                     |                |               |
|     |                |                     |               |                     |                     |                | Indox 12 - 0  |
|     |                |                     |               |                     |                     |                | Index_12 = 0  |

11 Label: FASE4B Step: Emer\_move %M46.W = 4

| Movimento_pv] [] [ | (1) | (2)<br>]>[ | Icla_move_3[Index_11]<br>] [<br>%V4012.0[%M1114.W] | [3)   | (4)<br>——(T)————                       |
|--------------------|-----|------------|--|---|--|
|                    |     |            |  | Recup_11_[Index_4]<br>]/[<br>%V4501.4[%M1106.W] | (5)<br>——(T)————                       |
|                    |     |            |  |   | Index_1 += 1<br>(T)<br>%M1100.W += 0x1 |
|                    |     |            |  | Index_12 += 1 T T += 0x1                        | Index_5 += 1<br>(T)<br>%M1108.W += 0x1 |
|                    |     |            |  |   | Index_4 += 1<br>(T)                    |
|                    |     |            |  |   | Index_8 += 4<br>                       |

- (1) %V4501.3[%M1106.W] : Sincro\_11\_[Index\_4]
- (2)  $V4100.B == M1100.W : V4100 == Index_1$
- (3) %V4501.4[%M1106.W] : Recup\_11\_[Index\_4]
- (4) %M2014.L[%M110e.W] = %V7038.L[%M1104.W] %V1291.B[%M1106.W] : Ventosa\_11[Index\_8] = Pos\_reale\_3[Index\_3] %V1291.B[Index\_4]
- (5) %M2014.L[%M110e.W] = %V7038.L[%M1104.W] + %V1291.B[%M1106.W] : Ventosa\_11[Index\_8] = Pos\_reale\_3[Index\_3] + %V1291.B[Index\_4]

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12 Label: Step: Emer\_move %M46.W = 4

| Movimento_pv] [ | Index_5 > 126<br>  |                             |                               |                               |                                     | goto(FASE4C)(T) |
|-----------------|--------------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------------|-----------------|
|                 | Index_12 < 6]>[]>[ |                             |                               |                               |                                     | goto(FASE4B)    |
|                 | Index_12 == 6    3 | Index_3 += 16<br>T T = 0x10 | Index_12 = 0 T %M1116.W = 0x0 | Index_4 += 1 T = 0x1          | Index_8 += 4<br>T T += 0x4          |                 |
|                 |                    |                             |                               | Index_1 += 4  %M1100.W += 0x4 | Index_11 += 1<br>T  %M1114.W += 0x1 |                 |

13 Label: FASE4C Step: Emer\_move %M46.W = 4

| Movimento_pv | V4100 == 127                            |                           | Index_6 = 0    | Emer_move = 5                        |
|--------------|---|---------------------------|----------------|--------------------------------------|
| %V4032.0     | %V4100.B == 0x7f                        |                           | %M110a.W = 0x0 | M46.W = 0x5                          |
|              | V4100 != 127<br> >[<br>%V4100.B != 0x7f | Index_2 += 1<br>T T = 0x1 |                | Emer_move = 3<br>(T)<br>%M46.W = 0x3 |
| Movimento_pv |   |                           | Index_6 = 0    | Emer_move = 5                        |
| %V4032.0     |   |                           | %M110a.W = 0x0 | M46.W = 0x5                          |
|              |   |                           |                | goto(END)                            |

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14 Label: FASE5
                                 %M46.W = 5
                                                                           reset bit park + mpark
                Step: Emer move
     Index_6 < 84
                                                                                                            (1)
       ___]>[___
     %M110a.W < 0x54
                                                                                                      Index 6 += 1
                                                                                                       —— (T)——
                                                                                                      %M110a.W += 0x1
                                                                                                       goto(FASE5)
                                                                                                      ——— (T)——
                                                                                                      Index_11 = 0
                                                                                                       —— (T)—
                                                                                                      M1114.W = 0x0
   (1) V4500.B[M110a.W] = 0x0 : Piano10[Index_6] = 0
15 Label: RESMOVE Step: Emer_move %M46.W = 5
     Index_11 < 14
                                                                                                            (1)
       ___ ] > [ ___
                                                                                                           (R)-
     %M1114.W < 0xe
                                                                                                      Index_11 += 1
                                                                                                      ——— (T)——
                                                                                                      %M1114.W += 0x1
                                                                                                      goto(RESMOVE)
                                                                                                      ——— (T)——
   (1) %V4010.0[%M1114.W] : Icla_move_1[Index_11]
16 Label:
                Step: Emer_move %M46.W = 5
                   Index_2 = 0
                                                                    Index_5 = 0
                                                                                     Index_6 = 0
     Index 1 = 0
                                     Index_3 = 0
                                                     Index 4 = 0
                                                                                                      Index 7 = 0
       — т —
                      — т —
                                      ____ т ___
                                                      — т —
                                                                      ____ т ___
                                                                                       — т —
                                                                                                        — (T)—
     M1100.W = 0x0
                     M1102.W = 0x0
                                     M1104.W = 0x0
                                                      M1106.W = 0x0
                                                                      M1108.W = 0x0
                                                                                      M110a.W = 0x0
                                                                                                      M110c.W = 0x0
     Index_8 = 0
                     Index 9 = 0
                                     Index_10 = 0
                                                     Index_11 = 0
                                                                      Index_13 = 0
                                                                                                      Movimento_pv
                                                                                                                      piani o ventose in movimento
                       — т —
                                       — т —
                                                        — т —
                                                                        — т —
                                                                                                         — (R) –
     M110e.W = 0x0
                     M1110.W = 0x0
                                     M1112.W = 0x0
                                                      M1114.W = 0x0
                                                                      M1118.W = 0x0
                                                                                                        %V4032.0
     Index_14 = 0
                     Index_15 = 0
                                                                                                      Emer move = 0
     — т —
                     — т —
                                                                                                        — (T)—
     M111a.W = 0x0
                     M111c.W = 0x0
                                                                                                       %M46.W = 0x0
                                                                                                        goto(END)
                                                                                                        —— (T) —
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17 Label: END Step:

18 Label: Step:

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