

# Vertical manipulators



ROMER manipulators are characterized by quiet operation.  
They give the possibility of wide application in the case of simple,  
as well as complex multidimensional processes  
They are programmed using a PLC controller

The robust design of the manipulators provides great possibilities and high stability.

Work with long and short jump  
The gear with toothed belt ensures quiet operation  
Maintenance-free AC motor  
Narrow column construction that saves space.

The keypad is equipped with a 7 "touch panel or it is controlled externally via the ModBus protocol with RJ45 cables

|                                 | MA2-18H                            | MA2-24H | MA2-30H | MA2-18L | MA2-24L |
|---------------------------------|------------------------------------|---------|---------|---------|---------|
| Stroke                          | 1800mm                             | 2400mm  | 3000mm  | 1800mm  | 2400mm  |
| Max gun amount ProfiGun         | 12pcs                              | 12pcs   | 12pcs   | 6pcs    | 6pcs    |
| Minimum move speed              | 5cm/s                              |         |         |         |         |
| Maximum move speed              | 25cm/s                             |         |         |         |         |
| Power installed                 | 0,75kW                             |         |         |         |         |
| Protection class                | IP54                               |         |         |         |         |
| Permissible ambient temperature | 0 - 45°C                           |         |         |         |         |
| Noise emission                  | <70 dB (A)                         |         |         |         |         |
| Electrical connection           | P1, P2, P3, N, PE 380-420V 50-60Hz |         |         |         |         |
| Suitable to zone ATEX II 3D     | ✗                                  |         |         |         |         |