

# 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	✗				