

MANIPULATORS

MPM-4000

FEATURES

- 360 degree continuous rotary gear for unlimited and precise handling and positioning
- Adapter plates available to suit most brands of quick hitches or pin-connection
- Fast connection to base machine with one cable and two hoses
- Clamping inserts available with soft gripping surfaces to prevent damage on galvanized pole
- Controlled with the MOVAX Control System (MCS™); MCS Lite or MCS Pro.
 - Easy & exact pile positioning with integrated inclination sensor and MCS display
 - Smooth movements with thumb wheel operated proportional control valves
 - Clamping pressure shown on screen
 - Integrated safety lock valves on cylinders
 - Safety switch for clamp opening
 - Adjustable gripping force to prevent damage of for instance galvanized poles or other sensitive profiles



TECHNICAL DATA

Weight (excl. adapter)	kg	1950
Height	mm	1580
Depth	mm	2050
Width	mm	960
Excavator or Rail Road Vehicle class	t	18-35
Rotation angle	°	+/-60
Tilting angle	°	360
Tilting torque	Nm	20000
Relief valve pressure max	bar	350
Minimum pressure required	bar	180
Required oil flow	l/min	85
Maximum working load	kg	4000

SUITABLE PROFILES

TYPES AND DIMENSIONS

Square sections and H-beams	size	from 120x120 up to 650x650
Tubular sections	size	100-630 mm
Sheet piles	size	max depth 265 mm
Timber poles and piles		160-420 mm

