

MOTOCUT

PLASMA CUTTER

FOR STEEL PILES AND PILES



- Safety first!
- High quality cuts
- High production rate

MOTOCUT – FAST AND SAFE PILE CUTTING!

- Significantly increases operational job safety such as safe pile handling, since the operator is isolated from the danger zone
- Eliminates the risk of injuries from falling piles
- Prevents all hand-arm vibration (HAVS) issues
- Operator not exposed to fumes and metal particles

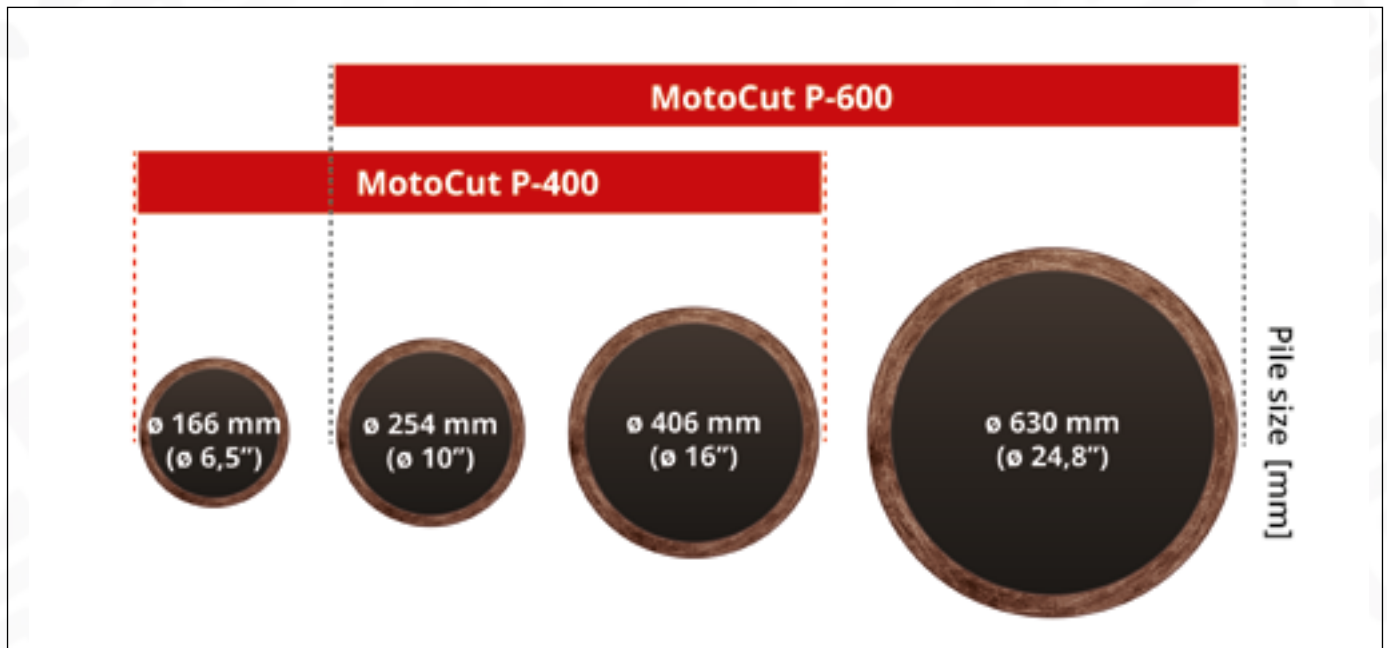


MOTOCUT BENEFITS IN STEEL PILE CUTTING

- Possibility to Zero Waste piling
- High quality and predictable cutting results, cut-offs can be reused and easily welded together
- Easy to attach to an excavator and transport to the worksite
- Accelerates worksite schedules, independent from site work plan
- Allows placing the cut-offs to desired location for easy removal



PILE SIZE RANGES FOR MOTOCUT PLASMA CUTTER



KEY FEATURES

- Fully self-contained add-on for any 13-30 or 20-40 ton hydraulic excavator equipped with hammer line and tiltrotator
- Built-in 20kW/400V hydraulic electric generator, 400 l/min (14 C.F.M.) air compressor and 85A/400V plasma generator
- Expensive combustible gases, such as oxygen or acetylene not required
- Low operating costs – contactless plasma cutting process that only uses fuel from the excavator
- High productivity, up to 150 pile cuts per day

TECHNICAL DETAILS

MOTOCUT PLASMA CUTTER	P-400	P-600
Steel pile and pipe sizes (round)	ø166 - ø406 mm (ø6,5" - ø16")	ø254 - ø630 mm (ø10" - ø24,8")
Dimensions (WxLxH)	1627 x 1711 x 1348 mm (64" x 67,4" x 53")	1963 x 1711 x 1348 mm (77" x 67,4" x 53")
Weight	1400 kg (3,100 lb)	1850 kg (4079 lb)
Max. wall thickness	Up to 27 mm (1")	
Cut off length	260 - 3000 mm (10,2" - 118")	
Carrier weight	13 - 30 tn (29,000 - 66,000 lb)	20 - 40 tn (44,000 - 88,000 lb)
Working pressure	220 bar (3190 psi)	
Required flow rate min	140 l/min @ 220 bar (36,9 gal(US) /min @ 3190 psi)	

MOTOCUT TILT ROTATOR

MOTOCUT TILT ROTATORS	P-400 & P-600 MOTOTILT 25
Rotation (can be bypassed)	355°
Tilt Angle	± 38°
Max Pressure	250 bar/3626 psi
Max output torque (rotation)	18,7 kNm
Max holding torque (rotation)	65 kNm
Max tilt torque	30,0/30,0 kNm
Weight	450 kg (992 lb)
Dimensions (WxLxH)	1051 x 876 x 1142mm (41,4" x 34,5" x 45")



REQUIREMENTS FOR THE EXCAVATOR:

- Tiltrotator
- 24V (or 12V + converter)
- Free auxiliary hydraulic circuit (Hammer line)
- Hoses for the grapples (extra lines from Tiltrotator)



MOTOCUT
The New Era of Pile Cutting



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