

PLASMA CUTTERS

FOR STEEL PILES & PIPES



MOTOCUT

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P-SERIES MODELS

P-400



P-600



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P-SERIES FEATURES



Built in Compressed Air
Supply Unit



Built in 400V, 20kVA
Electric Generator



Adapters/Hitches
(optional)



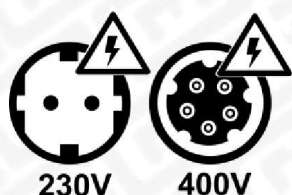
Built in 85A Plasma
Generator



HMI Controls



*Power Outlet:
(optional)



Bevel Cutting Possibility
(optional)



Membrane Air Dryer
for high humidity environment
(optional)



Manual Plasma Torch
Handle + 6m cable
(optional)

Step Up Converter
(optional)



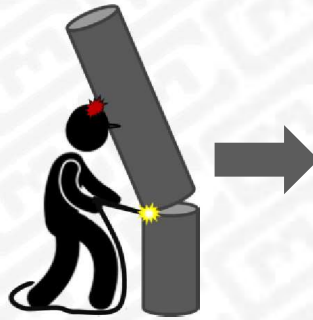
* Available in Europe and APAC region

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SAFETY, EFFICIENCY & SUSTAINABILITY

SAFETY:

- Reduces worker health risks (Operator not exposed to fumes and metal particles)
- Eliminates employees from hazardous tasks and zones
- Safe and quick pile handling



EFFICIENCY:

- Decrease cutting time up to 5x compared to other methods
- Increase productivity & save capital – One - Person Operation
- Removes need for additional fuel gases - Uses self-generated compressed air



SUSTAINABILITY

- Sustainable, high - quality cutting
- Cut-offs can be reused and easily welded together



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PLASMA CUT

CUTTING PROCESS:

- Align the Plasma Cutter against the steel pile.
- Close the grapples and press Start.
- The steel pile is cut in sections with 4 plasma torches.
- Remove the cut-off and place it to a desired location.



GRAB



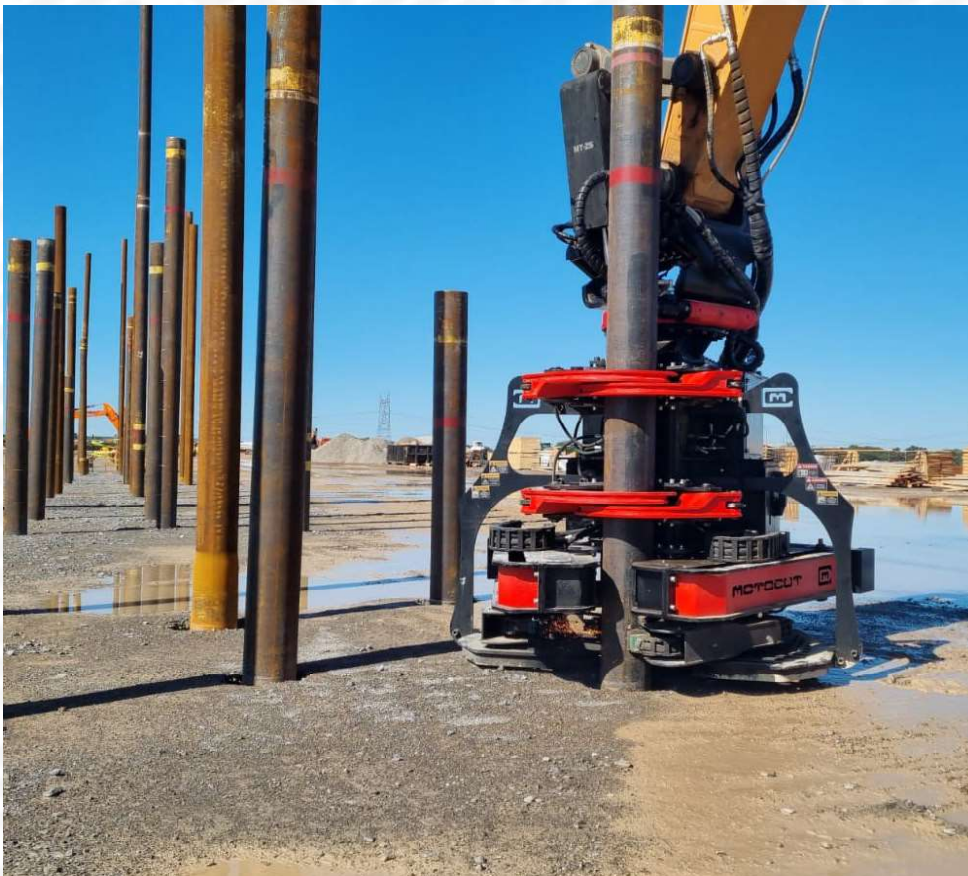
CUT IN SECTIONS



REMOVE CUT-OFF



CUTTING RESULT

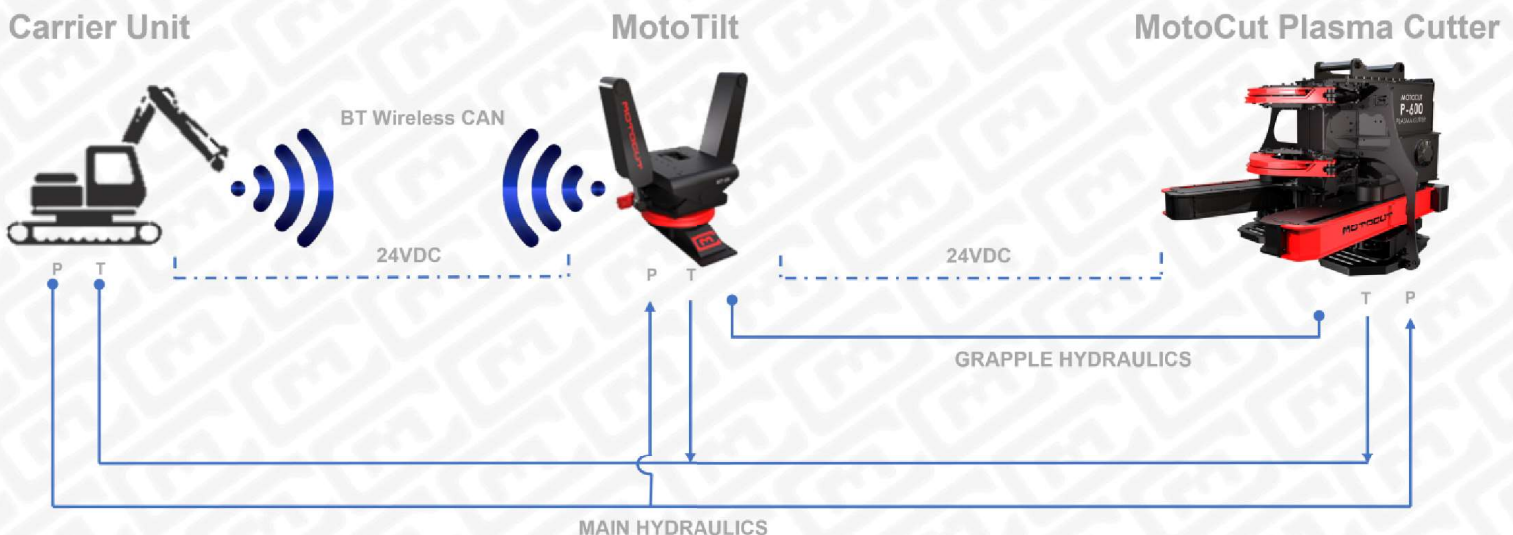


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EASE OF INTEGRATION

Fully self-contained system:

- **Works with any 16–40t HYDRAULIC EXCAVATOR with a single acting hammerline.**
 - Or with other carrier, capable of 140l/min 220 bar oil flow.
- **Installation to the carrier by DIRECT MOUNT HITCH to the boom or with QUICK COUPLER.**
- **Hydraulic coupling to main hammer line with free tank line.**
 - Hydraulic coupling using BSP fittings, quick couplers or other fittings standards are available upon request.
- **Fits directly to + 24VDC system.**
 - For 12VDC systems, optional step up 24VDC converter is available.
- **With MOTOTILT unit, quick and easy installation to a carrier allows safe operation from the carrier cabin and a more flexible and accurate pile cutting.**
 - MotoCut P-Series products support 3rd party tilt rotator installation.
- **Controlled comfortably through an HMI display from the carrier cabin.**
 - Optional MotoCut Joystick is available (Joystick is for MotoTilt systems only).



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P-400 MODEL



MOTOCUT P-400

Ø166
(Ø6,5")

Ø254
(Ø10")

Ø406
(Ø16")

PARAMETER	UOM	P-400	P-400 + MT-25
RECOMMENDED CARRIER WEIGHT (Min/Max)	t lb	16 t – 30 t 35,274 lb – 66,139 lb	20 t – 30 t 44,092 lb – 66,139 lb
STEEL PILE AND PIPE SIZES (Round)	mm in	Ø166 mm - Ø406 mm Ø6,5" - Ø16"	
PLASMA CUTTER WEIGHT	kg lb	1400 kg 3,100 lb	
DIMENSIONS (W x L x H)	mm in	1627 x 1711 x 1249 mm 64" x 67,4" x 49,2"	
LIFTING CAPACITY	kg lb	1000 kg 2204 lb	
MAX. WALL THICKNESS	mm in	Up to 19 mm ¾"	
CUT OFF LENGTH	mm in	260 mm - 3000 mm 10,2" - 118"	
ELECTRIC GENERATOR POWER	V kVA	3-Phase, 400V 20.1kVA	
WORKING PRESSURE	bar psi	220 bar 3190 psi	
REQUIRED FLOW RATE (Minimum)	l/min gal/min (US)	140 l/min @ 220 bar 37 gal (US) /min @ 3190 psi	
COMPATIBLE MOTOTILT TILTROTATOR	-	MT-25	

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P-600 MODEL



MOTOCUT P-600

Ø254

(Ø10")

Ø406

(Ø16")

Ø630

(Ø24,8")

PARAMETER	UOM	P-600
RECOMMENDED CARRIER WEIGHT (Min/Max)	t lb	20 t – 40 t 44,000 lb – 88,000 lb
STEEL PILE AND PIPE SIZES (round)	mm in	Ø254 mm - Ø630 mm Ø10" - Ø24,8"
PLASMA CUTTER WEIGHT	kg lb	1850 kg 4079 lb
DIMENSIONS (W x L x H)	mm in	1983 x 1711 x 1249 mm 78" x 67,4" x 49,2"
LIFTING CAPACITY	kg lb	1000 kg 2204 lb
MAX. WALL THICKNESS	mm in	Up to 19 mm ¾"
CUT OFF LENGTH	mm in	260 mm - 3000 mm 10,2" - 118"
ELECTRIC GENERATOR POWER	V kVA	3-Phase, 400V 20.1kVA
WORKING PRESSURE	bar psi	220 bar 3190 psi
REQUIRED FLOW RATE (Minimum)	l/min gal/min (US)	140 l/min @ 220 bar 37 gal (US) /min @ 3190 psi
COMPATIBLE MOTOTILT TILTROTATOR	-	MT-25

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With MOTOTILT TILTROTATOR

Enables convenient and accurate cutter positioning to the piles!



- Easy to install
- Rotates and tilts the pile cutter
- Smooth and easy operation with MotoCut joystick



PARAMETER	UOM	MT-25
ROTATION (can be bypassed)	°	355°
TILT ANGLE	±°	± 38°
WEIGHT	kg lb	450 kg 992 lb
DIMENSIONS (W x L x H)	mm in	1051 x 876 x 1142 mm 41,4" x 34,5" x 45"
LOAD CARRYING CAPACITY	kg lb	3300 kg 7275 lb
MAX. HYDRAULIC POWER	kW	14 kW
MAX. PRESSURE	bar psi	250 bar 3626 psi
MAX. OUTPUT TORQUE (rotation)	kNm	18,7 kNm
MAX. HOLDING TORQUE (rotation)	kNm	65 kNm
MAX. TILT TORQUE	kNm	30,0/30,0 kNm
COMPATIBLE PILE CUTTER	-	P-400 P-600

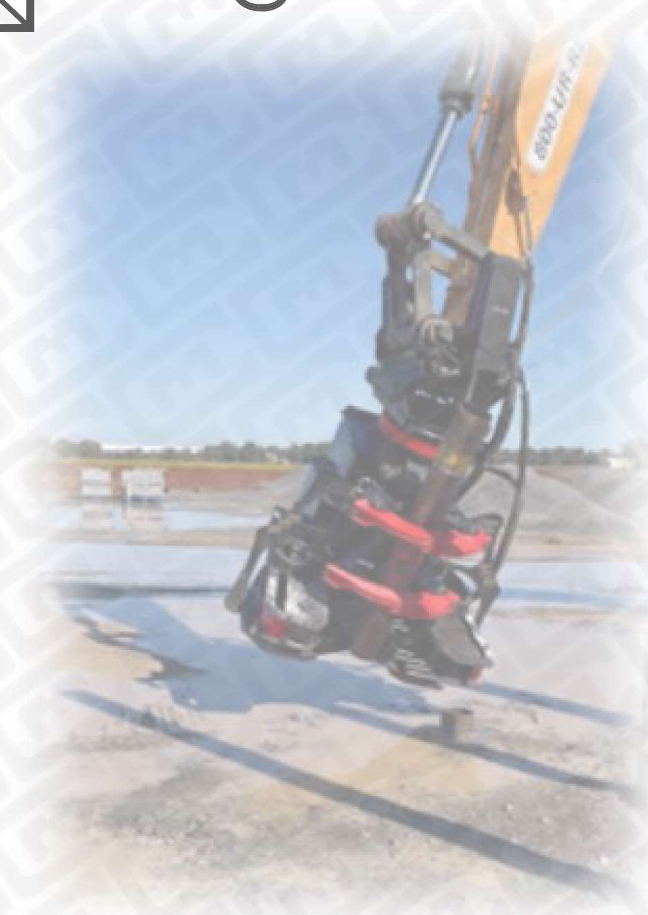
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CONTACT INFORMATION

Don't hesitate to contact us if you have any questions or queries!



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