



SPI PILING
A E YATES GROUP



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Kowan WP150 Pile Press

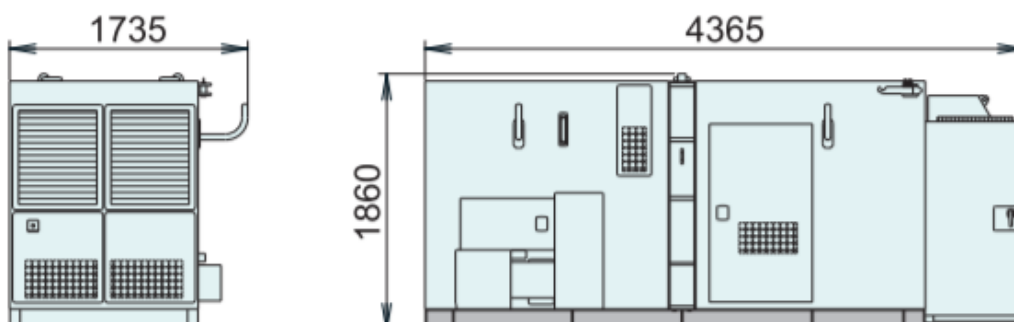


Kowan WP150 Pile Press

■ SPECIFICATION

STILL WORKER	WP-150
MAX.Pressing-in Force	1,500kN
MAX. Drawing -out Force	1,600kN
Stroke	800mm
Pressing-in Speed	1.8-23.0 m/min
Drawing-out Speed	1.9-18.0 m/min
Tilting Device	+5 degrees
Mast Rotation	180 degrees
Applicable Sheet Piles	U Profile 400mm-600mm In case of 400mm-pitch sheet piles, the optional use of No.1 or No.3 Clamp for No2 Clamp is necessary.
Operation System	Wireless radio-control & cabled remote-control
Moving System	Self-moving
Greases	Biodegradable Greases
Machine Length	2,455mm
Machine width	1,140mm
Machine Height	2,580mm (Max3 31,0mm)
Weight	9,500kg / 11,200 on stand (at delivery)
HYDRAULIC POWER UNIT	TE-200C
Power	Diesel Engine 4-Cycle, Water-Cooled Direct Injection Turbo
Output Rating	168kW/1,800min-1
Pump	Variable-Capacity Pump
Pressure Rating	35MPa max.
Fuel Oil Tank	350 Litres
Hydraulic Fuel Tank	550 Litres
Weight	5,460 kg

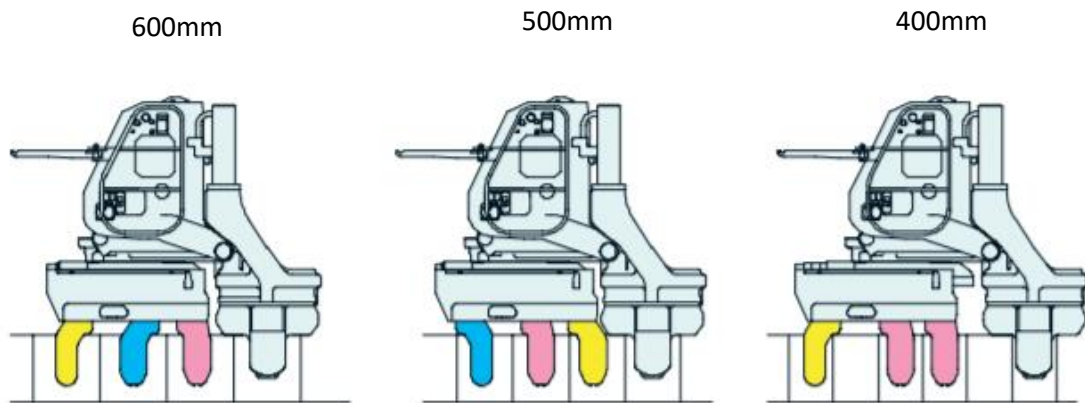
■ HYDRAULIC POWER UNIT (TE-200C)



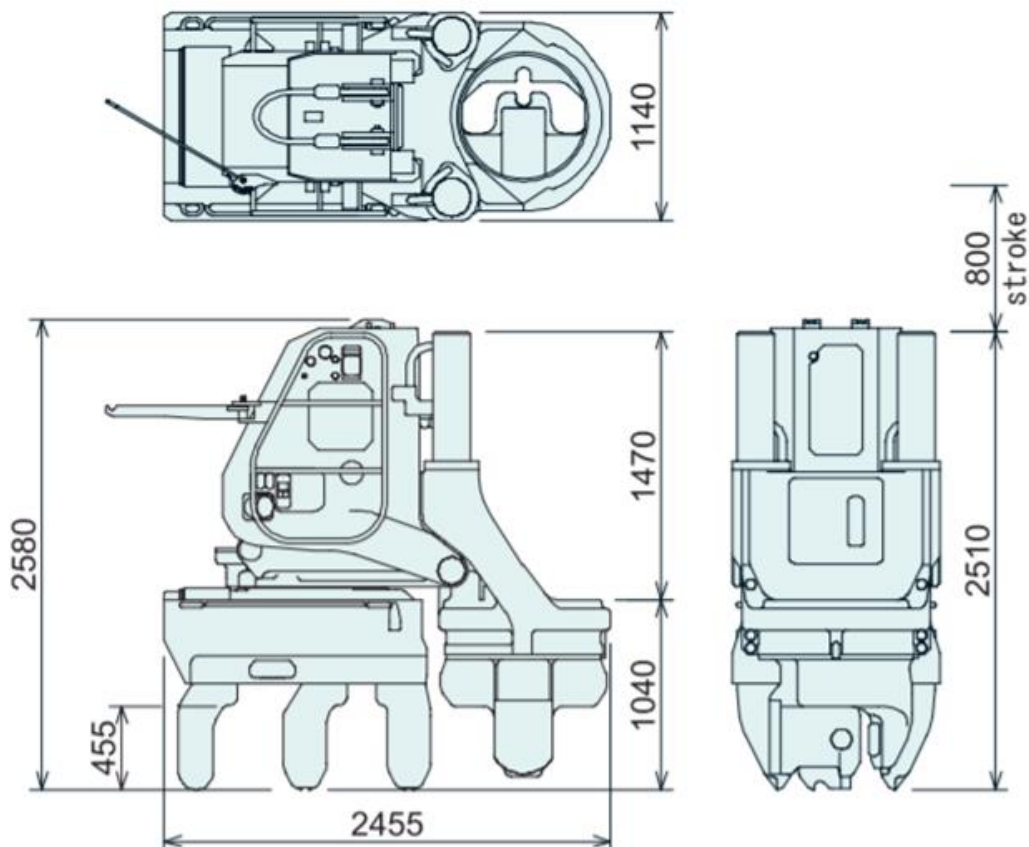
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- **Press-in and extracts three kinds of U piles**

WP-100/150 can press-in and extracts 400/500/600mm U Piles by exchanging the position of clamps.



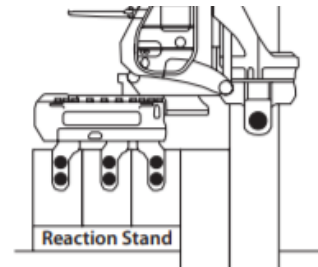
- **WP-150**



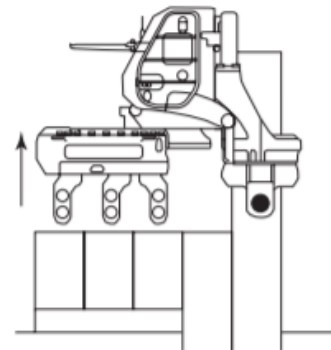
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The Self Travel Manoeuvre:

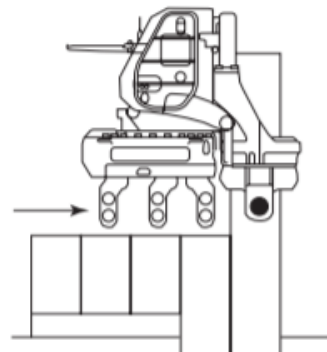
1. Still Worker is set on a reaction stand for the installation of the first two or three sheet piles.



2. Still Worker moves by elevating its travel carriage while supporting itself on the last installed pile.



3. Travel carriage then slides forward.



4. Travel carriage lowers itself and drops onto the installed sheet piles and continues its hydraulic installation process. After the third or fourth pile is driven, Still Worker will have walked off the reaction stand and will be using the installed piles as reaction

