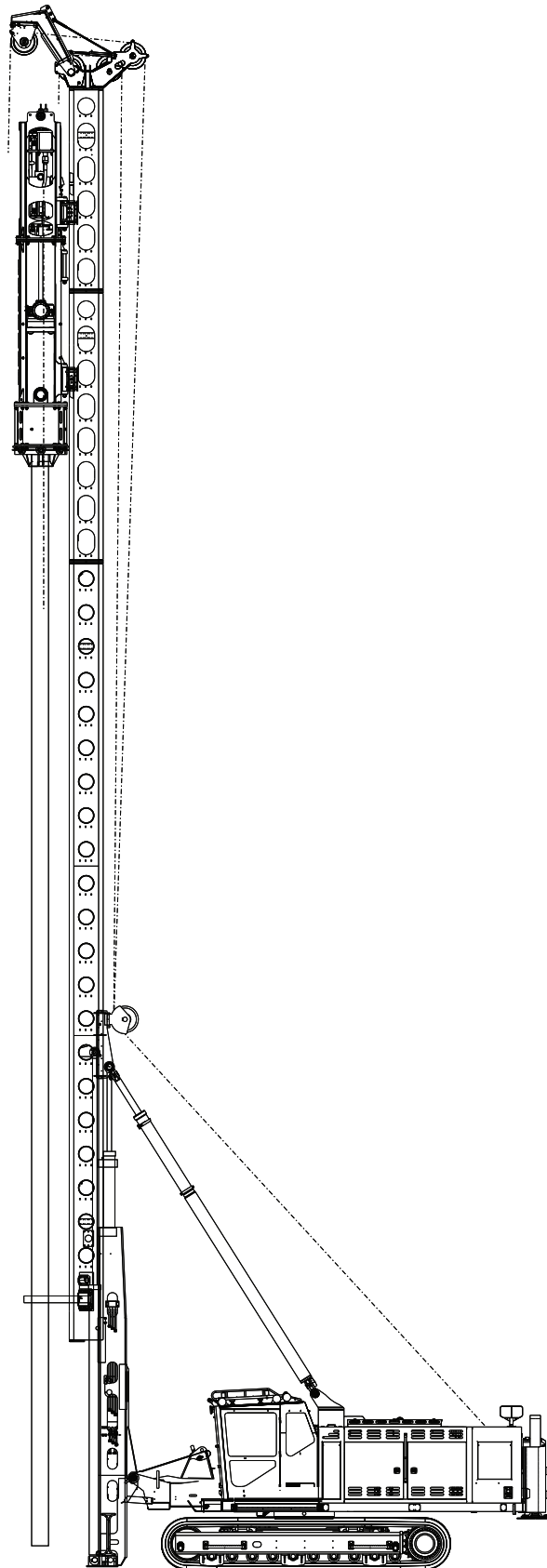


Junttan

Pile Driving Rig

PMx22



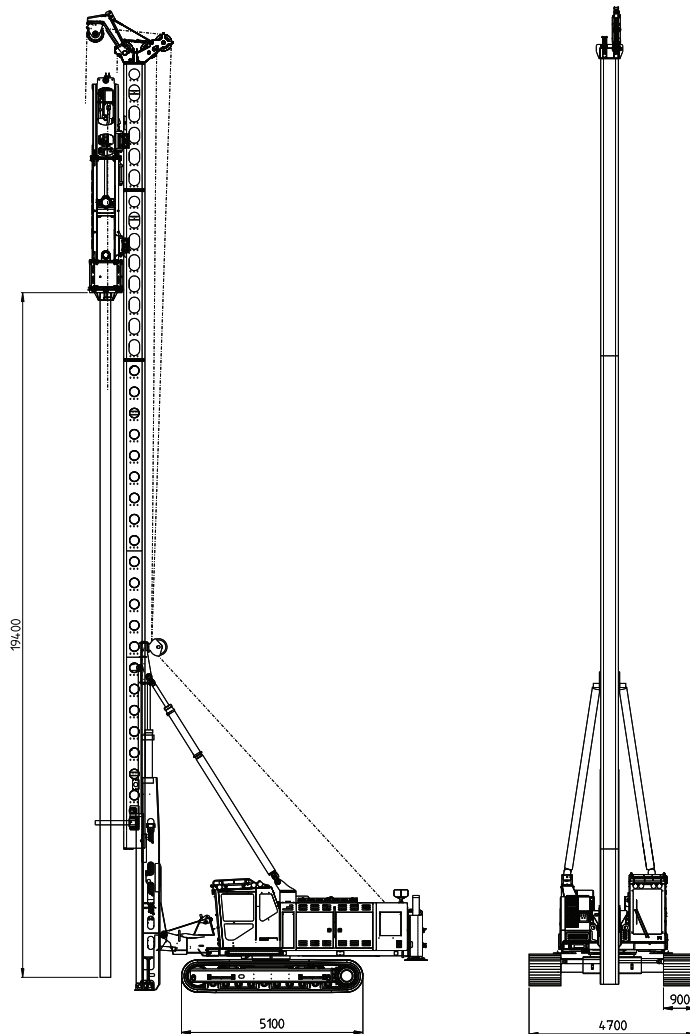
Original
Junttan
product

DATA SHEET

General Information

Junttan PMx22 is a compact piling rig for driving timber, steel and concrete piles. The recommended hammer ram weight is from 3 000 to 6 000 kg and the maximum pile length with SHK3/4 hammer is 20 meters (~66 ft). The rig has proven productivity due to excellent mobility. The telescopic leader ensures easy and fast handling of piles. Top pile driving performance is guaranteed with Junttan hydraulic hammers. An optional side drill or vibrator hammer makes pile driving even more efficient in some soil conditions. With optional Junttan equipment, optimised working set-up of the rig can be easily achieved.

This Junttan piling rig has the same proven features as the bigger Junttan machines. Its rugged design makes it a safe and reliable rig even in the most demanding working conditions. The selferecting leader and many advanced technical features ensure that the rig is ready to work in just a few minutes. The ergonomic and safety tested cabin allows the driver to concentrate completely on his work. The expandable tracks and low centre of gravity make the rig exceptionally stable in different working situations. The horizontal movement of the leader ensures fast spotting of the pile. Because of the compact size the rig can be easily transported to a new working site.



PMx22 with longest available leader configuration (Hydraulic Impact Hammer SHK5)

Technical Data

Basic features

Nominal operational weight		64 000 kg	141 100 lb
Leader capacity		16 000 kg	35 300 lb
Winch capacity	Pile:	10 000 kg	22 000 lb
	Hammer:	12 000 kg	26 500 lb
	Auxiliary:	5 000 kg	11 000 lb
Recommended hammer type		SHK3 – SHK5/6	
*Maximum pile length (SHK3/4)		20 m	66 ft

Uppercarriage

Type	Junttan PMx22		
Engine	Type:	Cummins B6.7 Stage V	
	Power:	231 kW	310 hp
	Fuel tank:	550 liters	145 gal
Hydraulic system	Max flow:	2x214 + 120 lpm/2 000rpm	2x57 + 32 gpm/2 000rpm
	Max pressure:	350 bar	5 076 psi
	Cooling cap.:	2x25kW (dT=30degC)	
	Oil tank:	750 liters	198 gal
Control system	Junttan X control system		
Slew drive	Single drive, 1 380 mm single row slewing ring		
Counterweight	Extendable	4 500 + 1 900 kg	9 900 + 4 200
		lb	

Leader

Type	Telescopic PMx22		
Movements	Telescope	4 000 mm	158 in
	Foot (up/down)	1 000/500 mm	40/20 in
	Horizontal	1 500 mm	59 in
Inclinations	According separate capacity tables Electronic inclinometer included		

Undercarriage

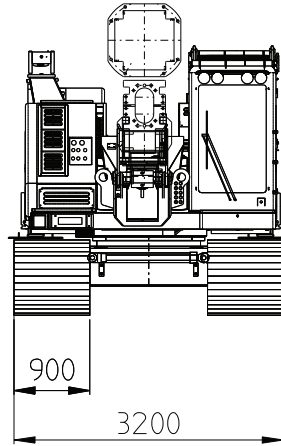
Type	JH51138		
Crawler length		5 100 mm	200 in
Crawler type		D57	
Width (900 shoes)	Min:	3 200 mm	126 in
	Max:	4 700 mm	185 in
Track shoe options	Width:	800/900/1 000 mm	31½/35½/39½ in
	Surface:	3-edge / flat edges / flat	
	Edge type:	normal / chamfer / bended	

Accessories

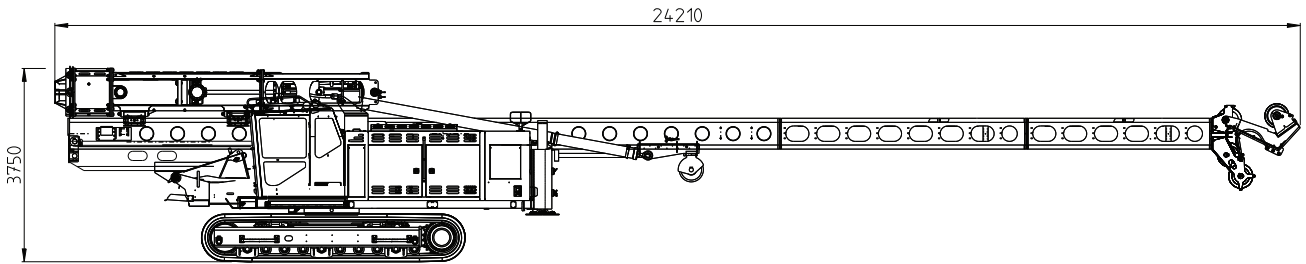
Side cathead		Piler PCD
Side auger	JD1,5/JD3	Arctic kit (Heats: batteries, engine, h-oil)
Rear support legs		Tropical kit (2x35kW / dT=30degC coolers)
Air conditioning		Leader hinge

* Pile length depends on the hammer.

Transport Dimension



Minimum track width.



**PMx22 transport dimensions with longest available leader configuration (Hydraulic Impact Hammer SHK5).
Optional leader hinge available**