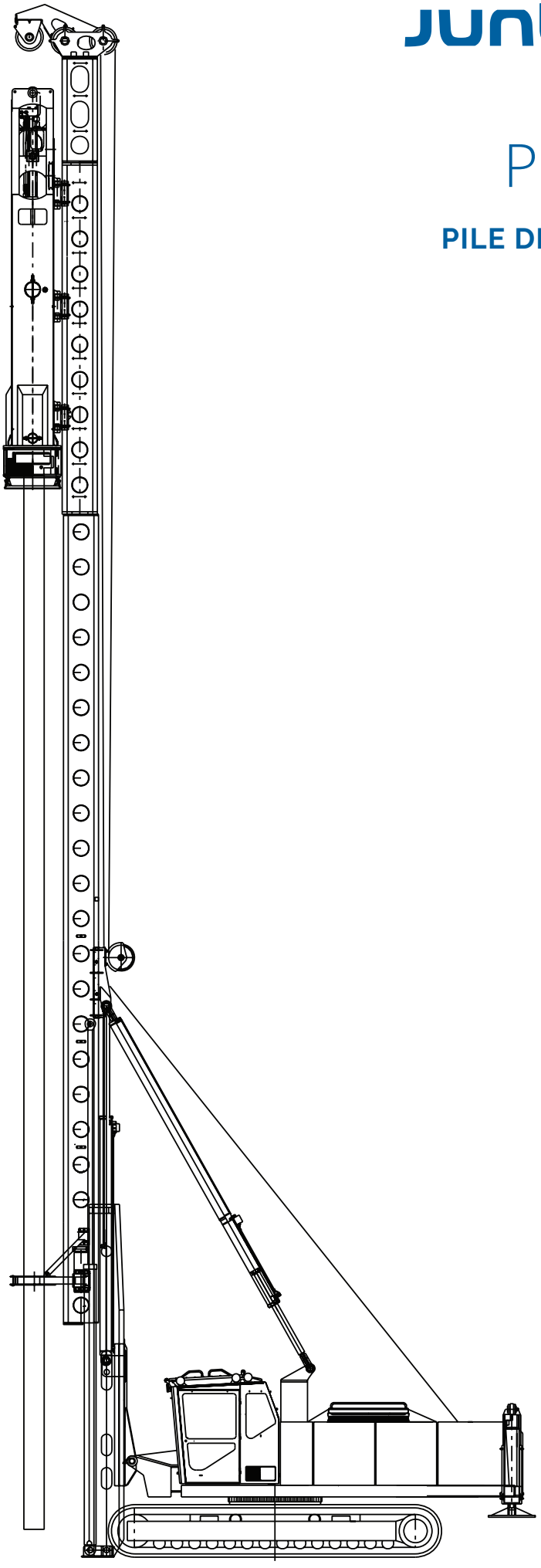
Juntan

PM25H

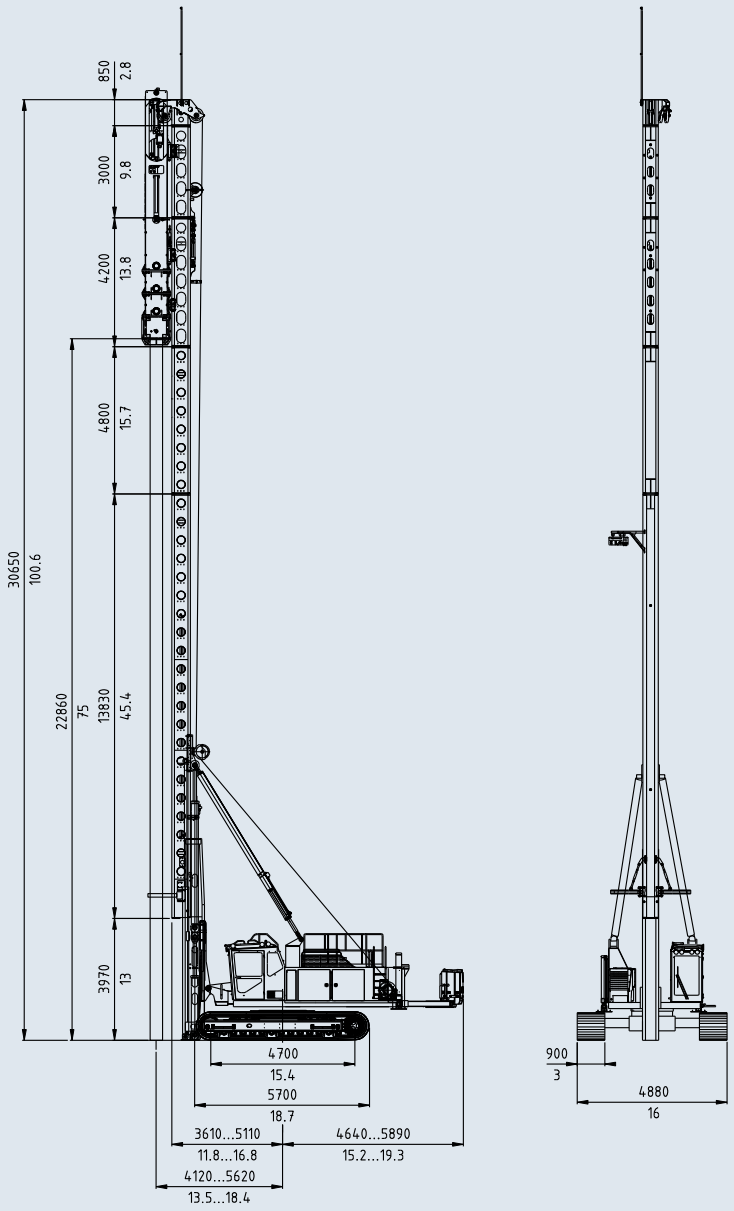
PILE DRIVING RIG



General Information

Junttan PM25H is a medium weight piling rig designed for driving steel and concrete piles. PM25H is Junttan´s biggest pile driving rig with telescopic leader for extremely efficient and more powerful for heavy duty use. The rig has excellent stability and wide leader inclination angles. The recommended ram hammer weight is from 5 000 to 9 000 kg (11,000 to 20,000 lbs) and the maximum pile length is 25 meters (82 ft). The rig has proven productivity. 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 all proven Junttan features. Its rugged design makes it a safe and reliable rig even in the most demanding working conditions. The self-erecting 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. In spite of larger size the rig can be still easily transported to a new working site.



Standard PM25H with HHK7A hammer* for pile driving

* Pile length depends on the hammer.

Technical Data

Basic features

NOMINAL OPERATIONAL WEIGHT W/ 9TON HAMMER		80 000 KG	176 370 LB
LEADER CAPACITY		20 000 KG	44 000 LB
WINCH CAPACITY	PILE:	10 000 KG	22 000 LB
	HAMMER:	16 500 KG	36 400 LB
	AUXILIARY:	5 000 KG	11 000 LB
RECOMMENDED HAMMER TYPE		HHK5/7/9 OR SHK5/7/9	HHK5/7/9 OR SHK5/7/9
MAXIMUM PILE LENGTH W/ 5TON HAMMER		25 M	82 FT

Uppercarriage

TYPE		JUNTTAN PM25H	
ENGINE	TYPE:	CUMMINS L9 TIER 4F / STAGE V	
	POWER:	272 KW	365 HP
FUEL TANK:		420 LITERS	110 GAL
HYDRAULIC SYSTEM	MAX FLOW:	2 X 280 + 120 LPM / 2000 RPM	2 X 42 + 24 GPM / 2 000RPM
	MAX PRESSURE:	320 BAR	4 640 PSI
	COOLING SYSTEM:	2 X HPA52 COOLERS	
	OIL TANK:	670 LITERS	177 GAL
SLEW DRIVE		SINGLE DRIVE, 1604 MM SINGLE ROW SLEWING RING	
COUNTERWEIGHT	EXTENDABLE:	6 000 + 2 000 + 2 000 KG	13 230 + 4 400 + 4 400 LB

Leader

TYPE		TELESCOPIC PM25H	
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

CRAWLER LENGTH		5 700 MM	225 IN
CRAWLER TYPE		D7A	
WIDTH (900 SHOES)	MIN:	3 380 MM	133 IN
	MAX:	4 880 MM	192 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	

Available options and accessories

UPPER CARRIAGE
- Hydraulic generator / welding unit
- Hydraulic air compressor
- Hydraulic oil upgrades
- Automatic greasing system
- Webasto 9 kW preheater (cabin, engine)
- Webasto 16 kW "Arctic" (cabin, engine, tank and battery)
- C4 painting to upper and lower carriage and leader
- Fire extinguishing system
- Catwalk around the rig
- Extra toolboxes on track beams (2 pcs)
- Extra cameras

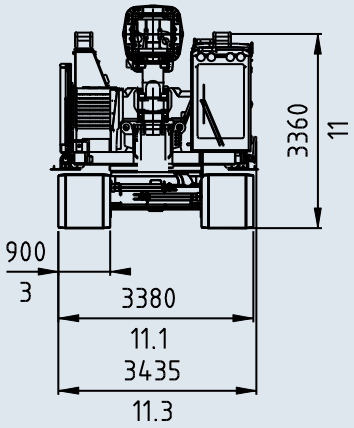
LEADER
- Pile rope restraining device
- Side auger JD 3 Package
- Vibro hammer sledge packet
- Side cathead
- Extra leader sections
- Leader hinge hydraulic

MEASURING AND REMOTE ACCESS
- Energy measuring
- Depth measuring with measuring wheel
- Depth measuring with laser
- PMO reporting (requires energy and depth measuring)
- Remote access hardware

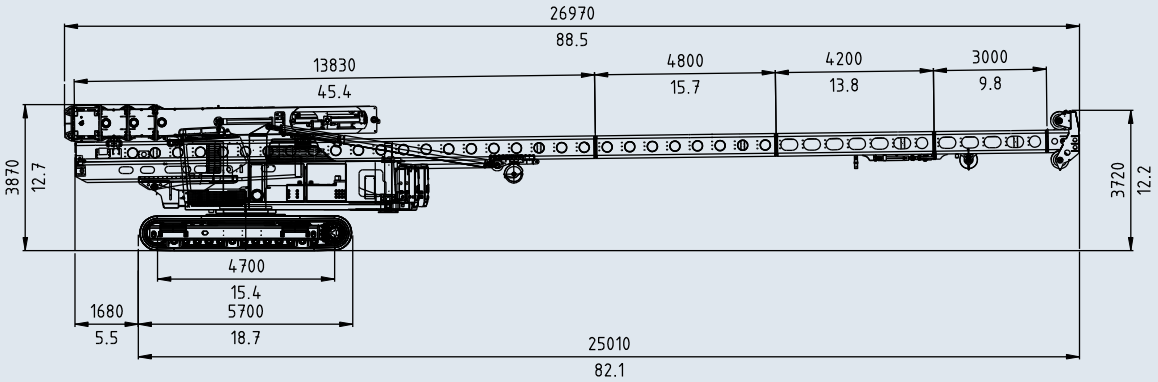
Contact Junttan sales for all available options and accessories.

Junttan

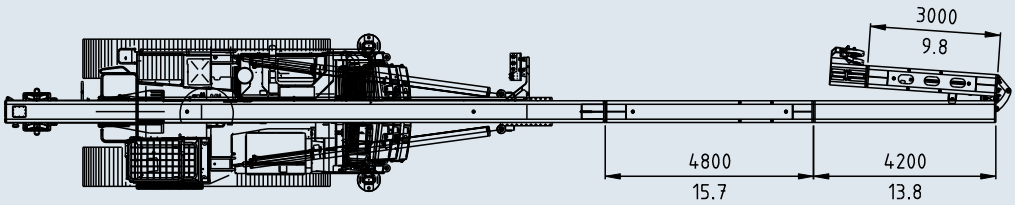
Transport Dimensions



Minimum track width.



Standard PM25H transport dimensions with HHK7A hammer.



PM25H transport dimensions with longest available leader configuration, HHK7A hammer and side cathead.

FOR FURTHER INFORMATION, PLEASE CONTACT:
Junttan Oy, sales@junttan.com, www.junttan.com

Copyright © 2025 Junttan Oy. We reserve the right to amend information without prior notice. All data is subject to printing errors. Junttan is a registered trademark of Junttan Oy.