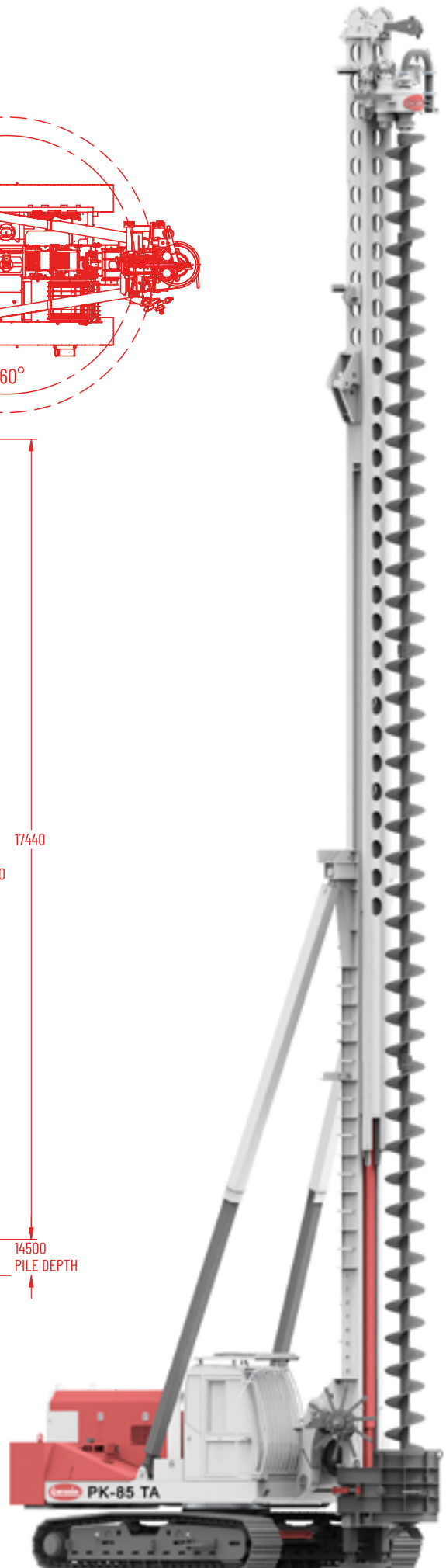
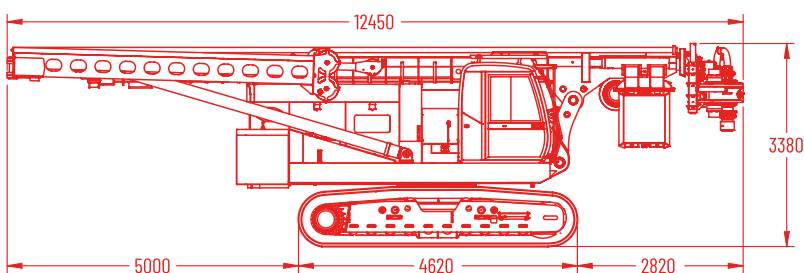
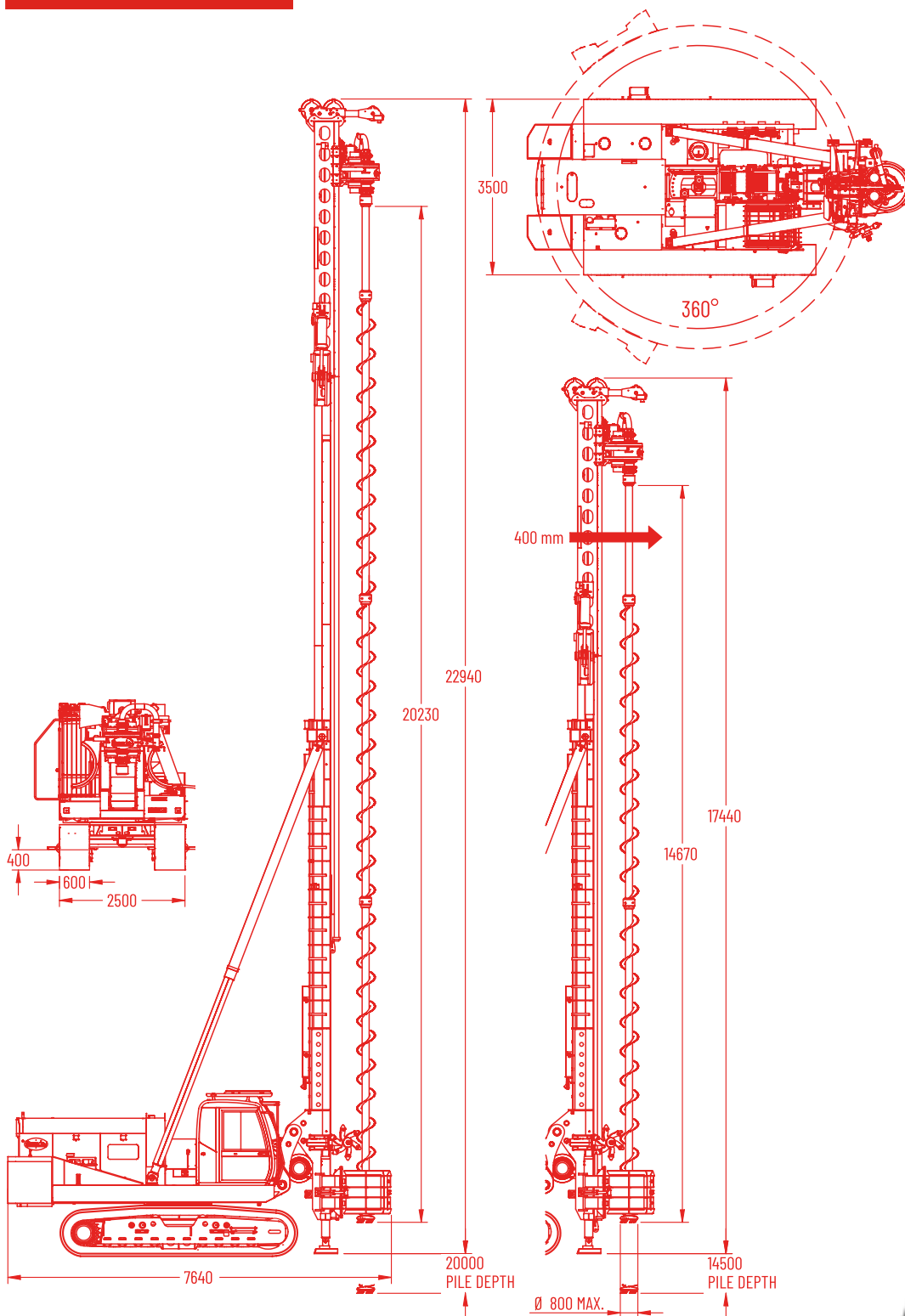


P-220TA



The LLAMADA **P-220TA** Piling rig is designed to facilitate without compromise the installation of continuous flight auger piles (CFA), compaction or displacement piles (FDP), secant piles (SP), continuous piles (CP) down the hole hammer (DTH) and SOILMIXING soil improvement/remediation techniques. The **P-220TA** can install piles up to **20 m** deep without the need for extensions or snorkels, and from Ø 300 mm up to **Ø 800 mm** in diameter.

This drilling machine stands out from its competitors due to several qualities and features. It has a low weight with high performance. Exceptional stability, power, reliability, and a 360° effective working area without compromising capabilities. Combined with a compact design and robust build, it is truly unique in the market.

La foreuse LLAMADA modèle **P-220TA** est conçue pour la réalisation de pieux en tarière creuse (CFA), en refoulement (FDP), sécants(SP), ou des colonnes(CMC), ou de l'amélioration du sol. La machine fore jusqu'à **20m** de profondeur sans extension ou de rallonge sur les outils, et d'un diamètre compris entre Ø 350 mm et **Ø 800 mm**.

Cette foreuse se distingue de ses concurrentes par plusieurs qualités et caractéristiques. Elle est légère tout en offrant de hautes performances.

Grande stabilité, puissance, fiabilité et une zone de travail utile à 360° sans perte de capacités. Le tout, associé à un design compact et une robustesse remarquable, en fait un modèle unique sur le marché

PERFORMANCE / AVANTAGES	Max. Depth Profondeur max.	20 m
	Diameters Ø Diamètres Ø	300 / 800 mm
	Working effective area Aire efficace travail	360°
TECHNICAL CHARACTERISTICS / CARACTÉRISTIQUES TECHNIQUES	Main winch Treuil principal	15 t (x2 = 30 t)
	Auxiliary winch Treuil auxiliaire	3,2 t
	Pulldown	6 t
	Engine STAGE V Moteur STAGE V	VOLVO TAD 582VE 160 Kw (218 CV)
	Open loop pumps Pompes cuircuit ouvert	LINDE HPR 165
	Closed loop pumps Pompes circuit fermé	LINDE HPV135
	Transport sizes LxLxH Dimens. Transport LxLxH	12.450 x 2.500 x 3.380 mm
	Transport weight Poids en transport	38 t Con contrapeso
	Detachable counterweight Demontable contrepoids	6.000 kg
	Total weight Poids total	38 t
	Variable gauge tracks Voies variables	2.500 / 3.500 mm
	Track lenght Longueur train chenilles	4.620 mm
	Track shoes width Largeur teuille	600 mm
	Telescopic mast stroke Course mât telescopique	5.500 mm
	Oil/Diesel tank Huile/diesel reservoir	450 / 440 l

EQUIPMENT / ÉQUIPEMENT	Articulated mast Mât avec bielle
	Telescopic counterweight Contrepoids telescopique
	Rigid and brush auger cleaner Decrotteur rigide et cable
	Centralized greasing system Système de graissage centralisé
	Radio control movements Télécommande via radio
OPTIONS	Total remote checking control Remote checking control
	Air conditioning Climatisation
	Panoramic vision cams Caméras vision panoramique
ROTARY HEAD / TABLE DE ROTATION	Rotary head LLAMADA Table rotation LLAMADA
	High pressure wasking system Système lavage haute pression
	Total remote control Remote télécommande total
ROTARY HEAD / TABLE DE ROTATION	Real max torque / Couple max real rpm max real
	(0-14,7 rpm) 10.033 kgm 29,4 a 5.016 kgm
ROTARY HEAD / TABLE DE ROTATION	TORQUE VS ROTATION SPEED
	The graph illustrates the torque characteristics of the LLAMADA P-220TA across five gears. The Y-axis represents Torque in kg.m (0 to 18K), and the X-axis represents Rotation Speed in rpm (0 to 50). GEAR 1 (blue) maintains high torque (around 10K kg.m) at low speeds (0-15 rpm). GEAR 2 (red) has a torque of approximately 7K kg.m between 15 and 20 rpm. GEAR 3 (green) has a torque of about 5K kg.m between 20 and 30 rpm. GEAR 4 (purple) has a torque of about 4K kg.m between 30 and 40 rpm. GEAR 5 (teal) has a torque of about 3K kg.m between 40 and 50 rpm.