



FD 200

CFA Piling Rig

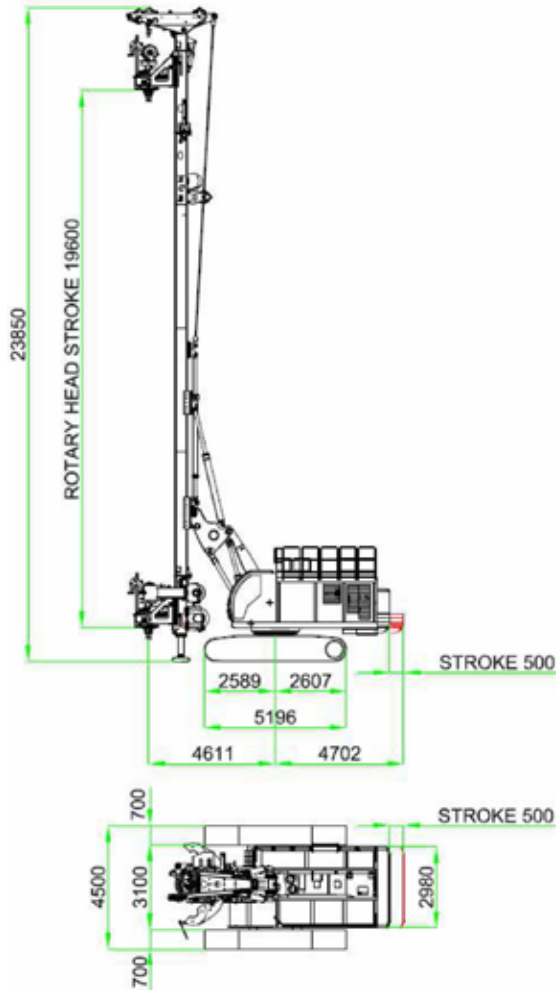




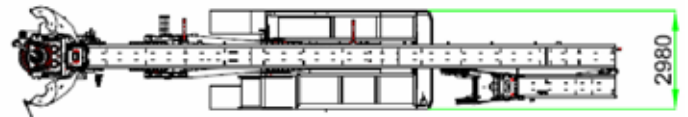
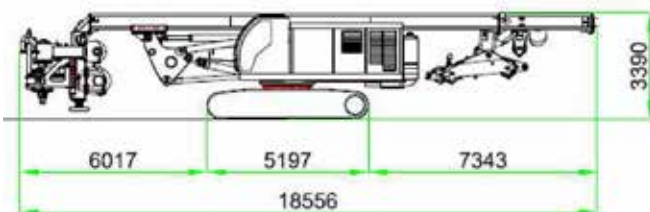
FD 200

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Work configuration



Transport configuration



UNDERCARRIAGE

Width with closed tracks	2980	mm
Width with open tracks	4500	mm
Shoes width	700	mm
Length	5196	mm

DIESEL ENGINE

Type / Model	FPT - C87 ENT H W STAGE IV	
Power@ 2100 rpm	305	kW
Electrical system	24	V
Fuel Tank capacity	760	l

HYDRAULIC SYSTEM

Hydraulic pumps	1° circuit	360 - 320	l/min-bar
	2° circuit	360 - 320	l/min-bar
	3° circuit	108 - 320	l/min-bar
	4° circuit	48 - 140	l/min-bar
	5° circuit	234 - 60	l/min-bar
	6° circuit	68 - 140	l/min-bar
	7° circuit	21 - 40	l/min-bar
Hydraulic Oil Tank Capacity	750	l	

MAST (CFA configuration)

Total length	23250	mm	
Telescopic foot stroke	1600	mm	
Counter mast stroke	2500	mm	
Pull - down system	Winch		
Push / pull force	5500	daN	
Pull - down stroke	19600	mm	
Maximum depth recommended	<i>without extension</i>	19000	mm
	<i>with 2000mm extension</i>	21000	mm
	<i>with 5000mm extension</i>	24000	mm
Maximum diameter recommended	Ø 900	mm	
Mast inclinations	<i>lateral</i>	+ / -5	°
	<i>forward</i>	5	°
	<i>backward</i>	15	°

ROTARY HEAD T-20000

Maximum torque	20398	daN
Maximum speed	34.5	r.p.m.
Number of hydraulic motors	2	n°
Hydraulic motors displacement	6000	cm³

WINCHES

MAIN WINCH			
Pull force	1st layer	18000	daN
Speed		48	m/min
Rope diameter		Ø 26	mm
AUXILIARY WINCH			
Pull force	1st layer	10000	daN
Speed		45	m/min
Rope diameter		Ø 20	mm

WEIGHT

Total weight	59.5	ton
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