

FD 250

HYDRAULIC ROTARY RIG



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BASE MACHINE

Type Engine	Type Power	NEW HOLLAND E485	CATERPILLAR 330D
Undercarriage	Total Length	ISUZU - AA68D1XQY	CAT C9 3A
	Width (Closed-Open)	280 kW @ 2300 r.p.m.	250 kW @ 1800 r.p.m.
	Shoes Width	5675	
		3400 - 4600 mm	
		800 mm	

HYDRAULIC CIRCUIT

Main Pumps	2 x 370	l/min	2 x 280	l/min
Auxiliary Pumps	1 x 195	l/min	1 x 43	l/min
Working Pressure	320	bar	350	bar

DRILLING SYSTEM

Mast Dimensions	Section	600 x 700	mm
	Length	20714	mm
Mast Movement	Lateral	8	°
	Backwards	15	°
	Onwards	5	°
Pull - Down (Cylinder)	Pull	250	kN
	Push	390	kN
Rotary Head Stroke		6100	mm

ROTARY HEAD

Max. Torque	250	kNm
Speed Rotation	7 - 27	r.p.m.
Sin-Off Speed Rotation	115	r.p.m.

WINCHES

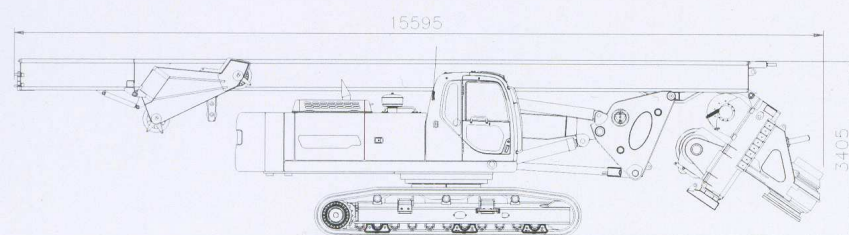
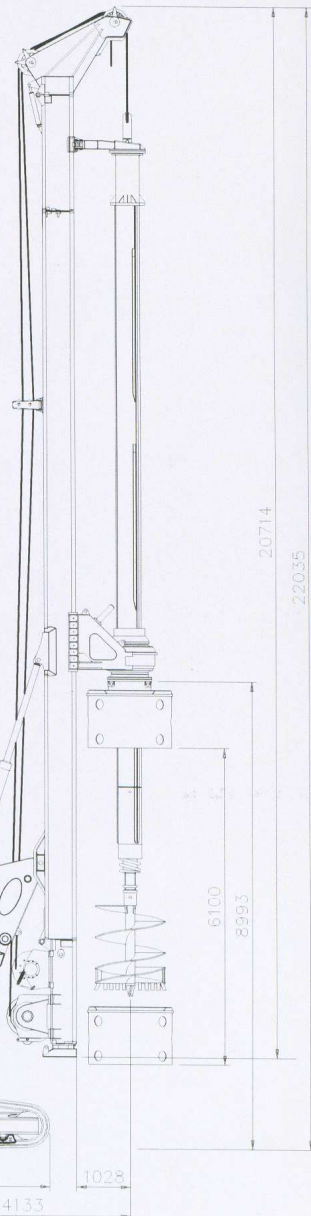
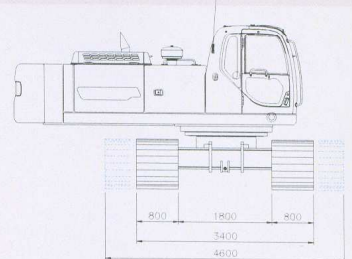
Main	Max. Pulling Force	250	kN
	Rope Diameter	28	mm
	Max. Rope Speed	55	m/min
Auxiliary	Max. Pulling Force	140	kg
	Rope Diameter	18	m/min
	Max. Rope Speed	60	mm

DRILLING PERFORMANCE

Max. Drilling Depth	48	m
Max. Pile Diameter (Uncased)	2000	mm
Max. Pile Diameter (Cased)	1500	mm
Max. Casing Height	6000	mm

DIMENSIONS

Working (W-H-L)	4600 - 22035 - 8700	mm
Transport (W-H-L)	3400 - 3405 - 15595	mm
Weight	75	t







N.C.B. srl
30020 TORRE DI MOSTO (VE) Italy
Via Confin, 92/A
tel. ++39 0421 325077-8
faz ++39 0421 325079
ncb1@dacos.it