



PILING AND FOUNDATION DRILLING MACHINES

Trive420



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Dati Tecnici Trive 420
Technical Data Trive 420
Capacità di scavo
Drilling Performances

Profondità Standard	Drilling Depth Standard	mt	62	ft	137,80
Diametro con rivestimento	Drilling Diameter With Casing	mm	2.000	in	59,06
Diametro massimo senza piede	Max Drilling Diameter	mm	2.500	in	98,43
Aste telescopiche standard	Telescopic Standard Kelly Bars	15 mt x 4 Elem		39,36 ft x 4 Elem	

Base Torretta
Base Upperframe

Costruttore	Manufacturer	TRIVE			
Motore diesel	Diesel Engine	DEUTZ TCD 2015 V8			
Cilindri	Cylinders	N.	8		Turbo Intercooler
Potenza installata	Diesel Engine	kW	500	Hp	670
Pompe idrauliche	Hydraulic Pumps	2xlt/min@1000 rpm	200	gal/min@1000 rpm	28,16
Portata massima agli utilizzi	Max Delivered Flow	lt/min	820	gal/min	77,00
Serbatoio olio idraulico	Hydraulic Tank	lt	1.000	gal	263,16
Serbatoio gasolio	Fuel Tank	lt	1000	gal	131,58
Cilindri idraulici	Hydraulic jacks	ISO	Compliants	Ansi	Compliants

Carro cingolato
Undercarriage Crawler
Tipo
CAT D7
Size
CAT D7

Tipo	Size	CAT D7			
Lunghezza (Totale)	Track Length (Total)	mm	6.250	in	226,38
Larghezza chiuso	Retracted Width (Transport)	mm	3.400	in	118,11
Larghezza aperto	Extended Width	mm	5.000	in	171,26
Larghezza pattini	Shoes Width	mm	900	in	35,43

Argano Principale Integrato ARG42
Integrated Main Winch ARG42

Tiro massimo @ 320 Bar	Max Line Pull @ 320 Bar	kN	420	lbf	56.202
Velocità cavo / Variabile	Max Line speed / Variable	mt/min	60	ft/min	229,66
Diametro fune	Rope Diameter	mm	34	in	1,10
Fune al primo stato	Drum Capacity First Layer	mt	55	ft	180,45
Capacità fune	Rope Capacity	mt	105	ft	344,49
Portata utilizzata	Inletting Flow	lt	800	gal	77,00
Auto rilascio idraulico cavo	Rope Automatic Release		yes		Yes

Argano Ausiliario Integrato AR120
Integrated Auxiliary Winch AR120

Tiro massimo	Max Line Pull	kN	180	lbf	29.225
Velocità cavo	Max Line speed	mt/min	60	ft/min	196,85
Diametro fune	Rope Diameter	mm	22	in	0,87
Capacità fune primo giro	Drum Capacity First Layer	mt	60	ft	196,85
Portata utilizzata	Inletting Flow	lt	235	gal	22,00

Rotary Testa RT 420
Rotary Head RT 420

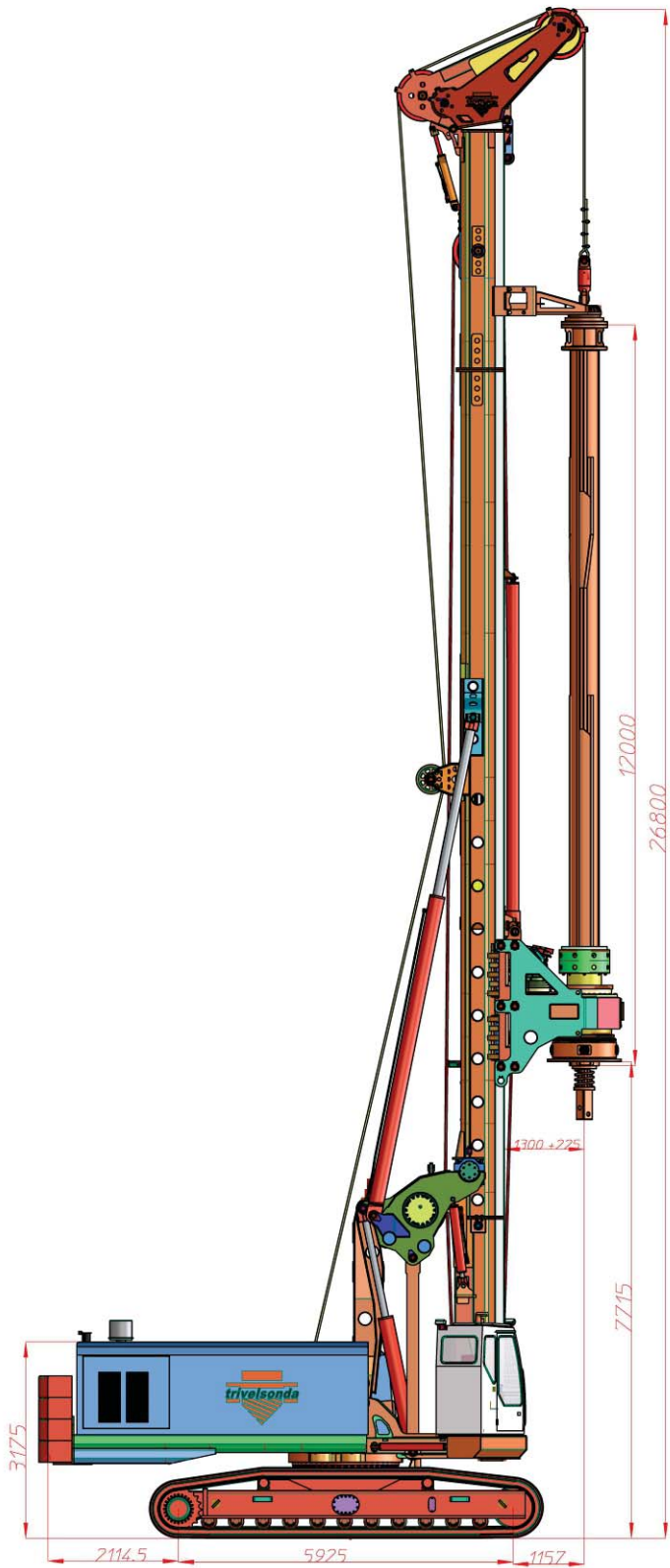
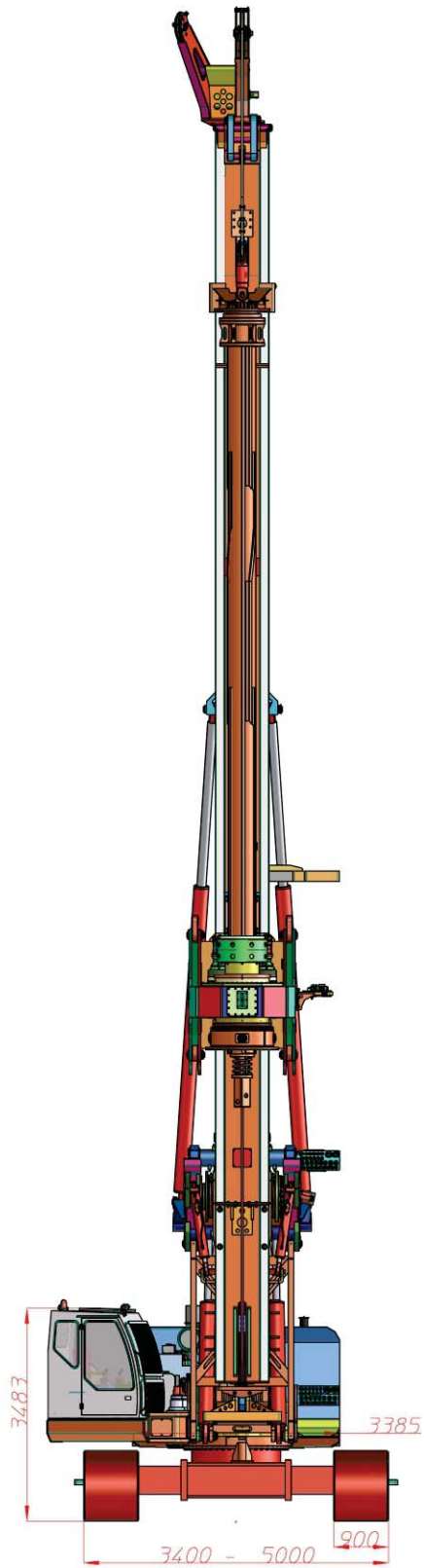
Coppia @ 320 Bar	Rotary Torque @ 320 Bar	kNm @ 8 rpm	420	lbf ft @ 8 rpm	103.320
Velocità di rotazione I°	Working Speed I° Gear	rpm	15	rpm	22
Velocità di scarico I°	Spin OFF I° Gear	rpm	30	rpm	100
Velocità di rotazione II°	Working Speed II° Gear	rpm	25	rpm	42
Velocità di scarico II°	Spin OFF II° Gear	rpm	50	rpm	130

Argano Pull Down
Pull Down Winch

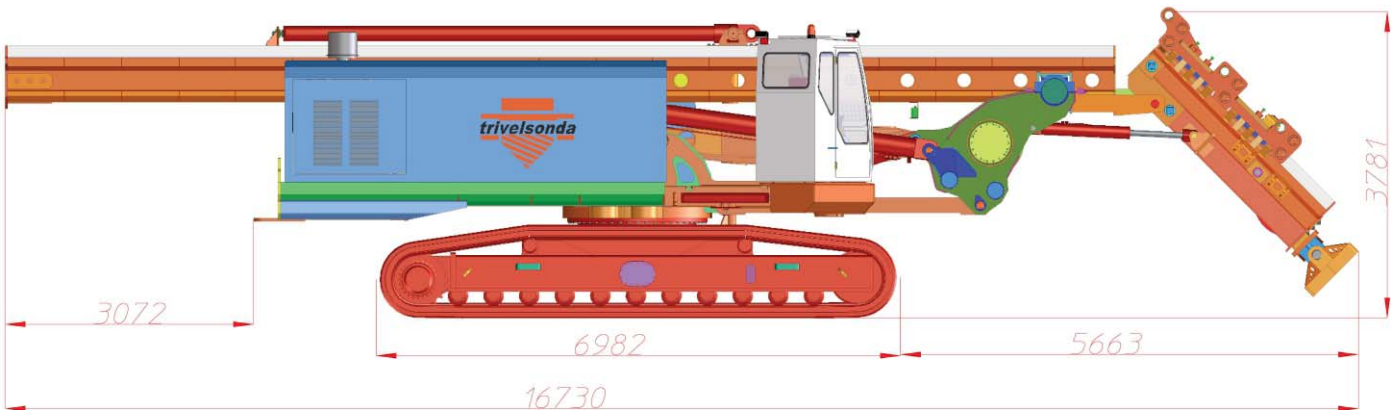
Rotary spinta	Rotary Pull Down Capacity	kN @ 280 bar	480	lbf @ 280 Bar	67.443
Rotary sollevamento	Rotary Hoisting	kN @ 280 bar	480	lbf @ 280 Bar	67.443
Corsa	Stroke	mm	13.000	in	511,81
Diametro fune	Rope Diameter	mm	38	in	1,18

Peso
Weight

Macchina in fase di lavoro	Weight in Working Conditions	Tons	145	lbf	187.393
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