



PILING AND FOUNDATION DRILLING MACHINES

Trive120

TRIVELSONDA srl
Via De Gasperi, 40
60027 OSIMO (AN) Italy

Tel off: +39 071 7131432
Fax off: +39 071 9749377
info@tsonda.it -- www.trivelsonda.eu



Dati Tecnici Trive 120
Technical Data Trive 120
Capacità Di Scavo
Drilling Performances

Profondità Standard	Drilling Depth Standard	mt	36	ft	118,11
Diametro Con Rivestimento	Drilling Diameter With Casing	mm	1.500	in	59,06
Diametro Massimo Sotto_Mast	Max Drilling Diameter	mm	1.500	in	59,06
Aste Telescopiche Standard	Telescopic Standard Kelly Bars	8,5 mt x 5 Elem		26,24 ft x 5 Elem	
Profondità Massima Con Asta 5 x 10 mt	Max Depth With 5 x 10 mt Kelly	mt	46	ft	150,92
Profondità Massima Con Asta 5 x 11 mt	Max Depth With 5 x 11 mt Kelly	mt	52	ft	170,60

Base Torretta
Base Upperframe

Costruttore	Manufacturer	TRIVELSONDA			
Motore Diesel	Diesel Engine	CUMMINS QSB6.7			
Cilindri	Cylinders	N.	6		Turbo Intercooler
Potenza Installata	Diesel Engine	kW	179	Hp	236
Pompe Idrauliche	Hydraulic Pumps	1xlt/min@1000 rpm	95	gal/min@1000 rpm	20,90
Portata Massima agli utilizzi	Max Delivered Flow	lt/min	220	gal/min	48,40
Serbato Olio Idraulico	Hydraulic Tank	lt	600	gal	132,00
Serbatoio Gasolio	Fuel Tank	lt	240	gal	52,80
Cilindri Idraulici	Hydraulic jacks	ISO	Compliants	Ansi	Compliants

Carro Cingolato
Undercarriage Crawler

Tipo	Size	CAT FL6			
Lunghezza (Totale)	Track Length (Total)	mm	4.270	in	168,11
Larghezza Chiuso	Retracted Width (Transport)	mm	2.500	in	98,42
Larghezza Aperto	Extended Width	mm	3.700	in	145,6
Larghezza Pattini	Shoes Width	mm	600	in	23,62

Argano Principale Integrato ARG 120 Integrated Main Winch ARG 120

Tiro massimo @ 320 Bar	Max Line Pull @ 320 Bar	kN	135	lbf	28.000
Velocità Cavo / Variabile	Max Line speed / Variable	mt/min	70	ft/min	229,66
Diametro Fune	Rope Diameter	mm	22	in	0,87
Fune al Primo Stato	Drum Capacity First Layer	mt	47	ft	154,20
Capacità Fune	Rope Capacity	mt	90	ft	295,28
Portata Utilizzata	Inletting Flow	lt	220	gal	48,40
Autorilascio Idraulico Cavo	Rope Automatic Release		Si		Yes

Argano Ausiliario Integrato ARDS 80 Integrated Auxiliary Winch ARDS 80

Tiro massimo	Max Line Pull	kN	80	lbf	17.985
Velocità Cavo	Max Line speed	mt/min	60	ft/min	196,85
Diametro Fune	Rope Diameter	mm	18	in	0,71
Capacità Fune Primo Giro	Drum Capacity First Layer	mt	40	ft	131,23

Rotary Testa RT 120
Rotary Head RT 120

Coppia @320 Bar	Rotary Torque @ 320 Bar	kNm @ 8 rpm	120	lbf ft @ 8 rpm	88.507
Velocità di rotazione - I°	Working Speed I° Gear	rpm	22	rpm	22
Velocità di scarico - I°	Spin OFF I° Gear	rpm	70	rpm	70
Velocità di rotazione - II°	Working Speed II° Gear	rpm	42	rpm	42
Velocità di Scarico - II°	Spin OFF II° Gear	rpm	90	rpm	90

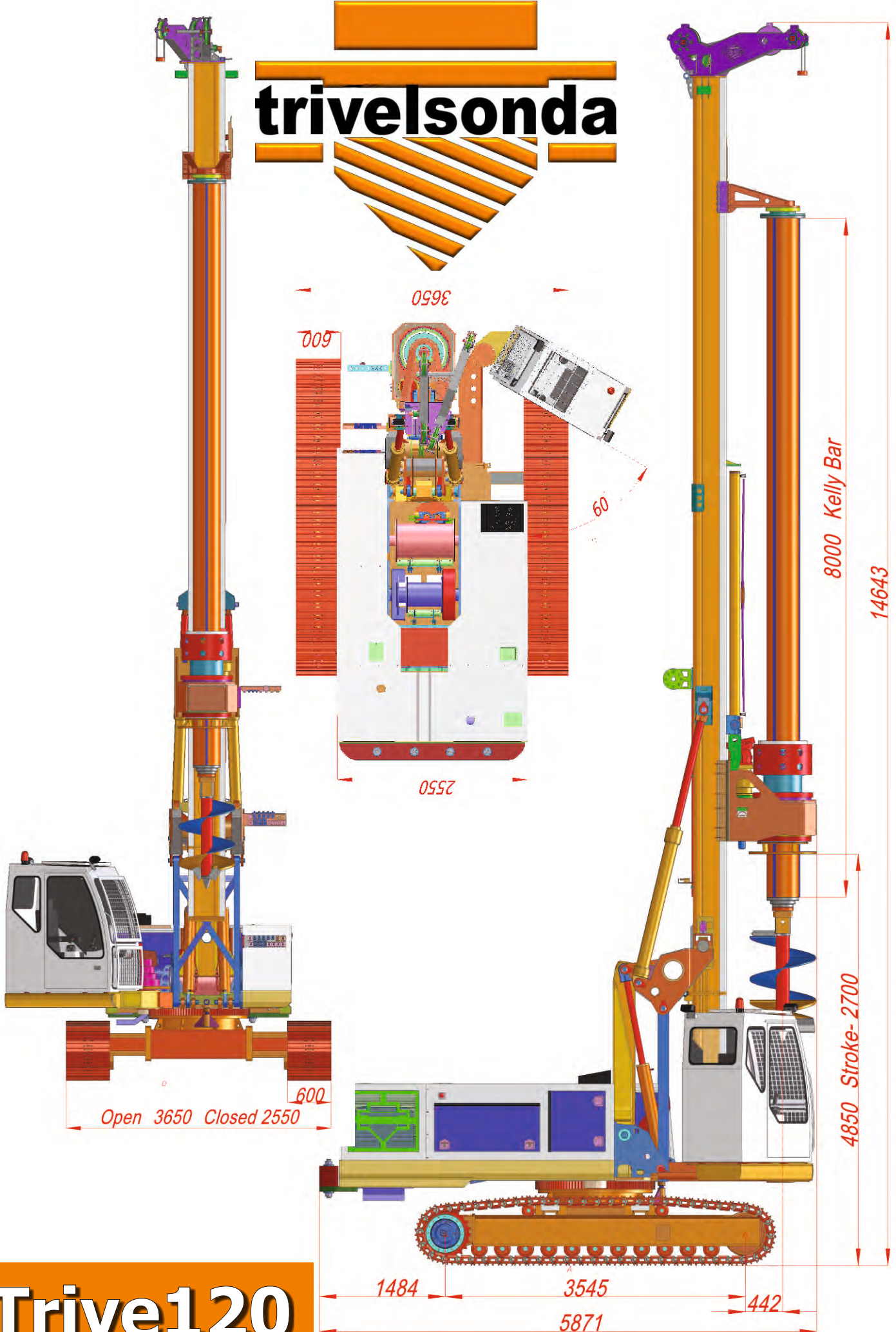
Cilindro Pull Down
Pull Down Jack Spec

Rotary Spinta	Rotary Pull Down Capacity	kN @ 200 Bar	160	lbf @ 200 Bar	35.969
Rotary Tiro	Rotary Hoisting	kN @ 200 Bar	81	lbf @ 200 Bar	18.210
Corsa Cilindro Idraulico	Hydraulic Jack Stroke	mm	2.700	in	106,30

Peso
Weight

Macchina in fase di lavoro	Weight in Working Conditions	tons	28	lbf	59.671
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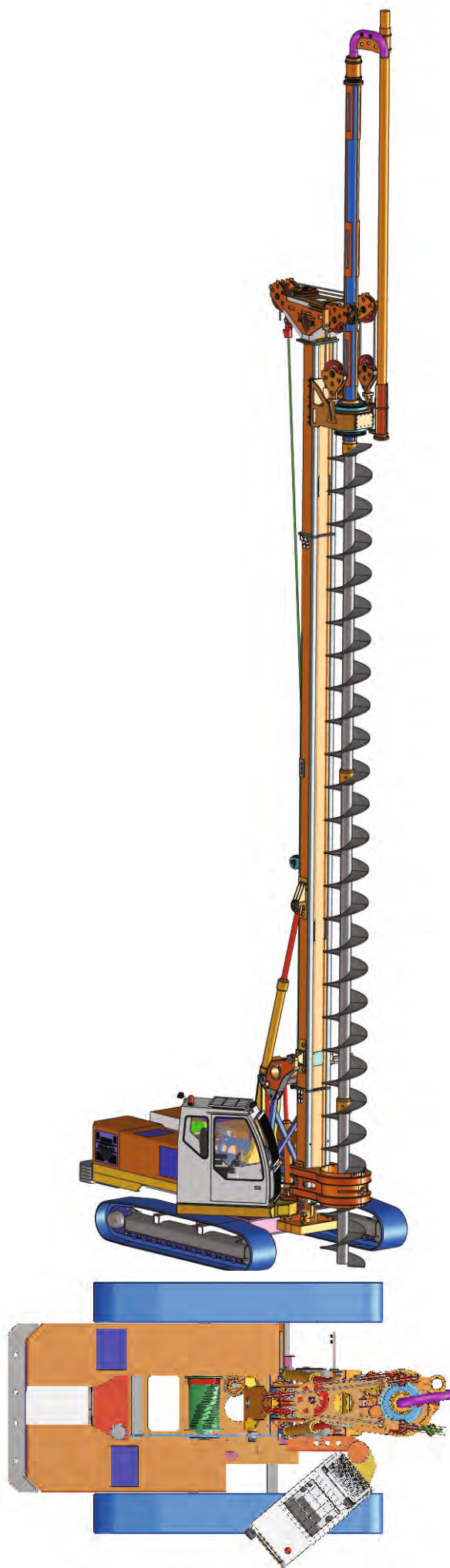
Trive120 CFA

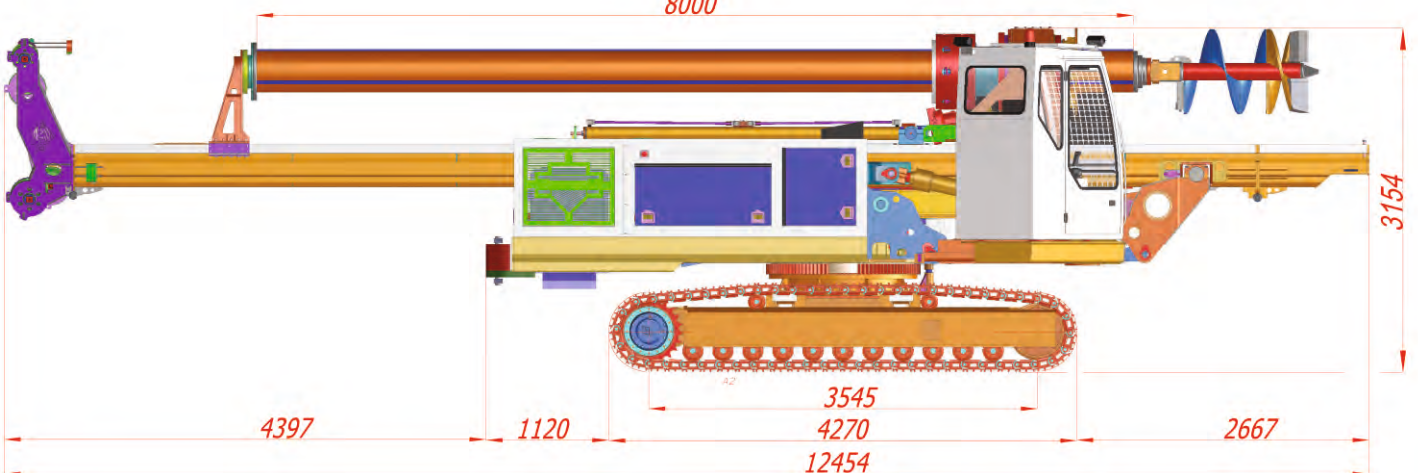


TRIVE 120

- ROTARY Torque 115 KNm @ 8Rpm
- ROTARY Rpm 15-80 30-110
- ROTARY Gear 2 Ratio- 4 Speeds
- MAX CFA Diam 800 mm
- KELL bar 4x8,5 Mt
- Depth 18 Mt
- PULL DOWN Stroke 2700 mm
- WINCH Main 14 Tons
- WINCH AUX 8 Ton / Free fall
- CATERPILLAR Diesel C8 Model
- DIESEL Hp 190 @ 2200 RPM

Weight Working Cond 28 Ton





TRIVELSONDA srl
 Headquarters and production plant
 Via Scossicci, 51
 62017 Porto Recanati (MC) Italy

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