



## PILING AND FOUNDATION DRILLING MACHINES

# Trive 30

**TRIVELSONDA SRL srl**  
Production plant  
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**Dati Tecnici Trive 30**
**Technical Data Trive 30**

# Trive30

Capacità di scavo	Drilling Performances				
Profondità Standard	Drilling Depth Standard	mt	20	ft	66
Diametro con rivestimento	Drilling Diameter With Casing	mm	1.000	in	39
Diametro massimo senza piede	Max Drilling Diameter	mm	1.000	in	39
Aste telescopiche standard	Telescopic Standard Kelly Bars	5,5 mt x 4 Elem		14,76 ft x 4 Elem	
Profondità massima con asta 5x6mt	Max Depth with 4x6.5mt Kelly	mt	27	ft	75

Base Torretta	Base Upperframe				
Costruttore	Manufacturer	TRIVELSONDA			
Motore diesel	Diesel Engine	Iveco N45 / Deutz TCD 3.6			
Cilindri	Cylinders	N.	4		Turbo Intercooler
Potenza installata	Diesel Engine	kW	93	Hp	128
Pompe idrauliche	Hydraulic Pumps	lt/min@1000 rpm	71	gal/min@1000 rpm	19
Portata massima agli utilizzi	Max Delivered Flow	lt/min	175	gal/min	46
Serbatoio olio idraulico	Hydraulic Tank	lt	400	gal	105
Serbatoio gasolio	Fuel Tank	lt	100	gal	26
Cilindri idraulici	Hydraulic jacks	ISO	Compliants	Ansi	Compliants
Rotazione Ralla	Swing Bearing	rpm	2,8	rpm	2,8

Carro cingolato	Undercarriage Crawler	Tipo	FL4	Size	FL4
Tipo	Size	FL4			
Lunghezza (Totale)	Track Length (Total)	mm	3.300	in	130
Larghezza chiuso	Retracted Width ( Transport )	mm	2.350	in	93
Larghezza aperto	Extended Width	mm	3.400	in	134
Larghezza pattini	Shoes Width	mm	500	in	20

Argano Principale Integrato ARG60	Integrated Main Winch ARG60				
Tiro massimo @ 320 Bar	Max Line Pull @ 320 Bar	kN	70	lbf	13.489
Velocità cavo / Variabile	Max Line speed / Variable	mt/min	65	ft/min	180
Diametro fune	Rope Diameter	mm	18	in	0,71
Fune al primo stato	Drum Capacity First Layer	mt	36	ft	118
Capacità fune	Rope Capacity	mt	75	ft	246
Portata utilizzata	Inletting Flow	lt	150	gal	40
Auto rilascio idraulico cavo	Rope Automatic Release		Si		Yes

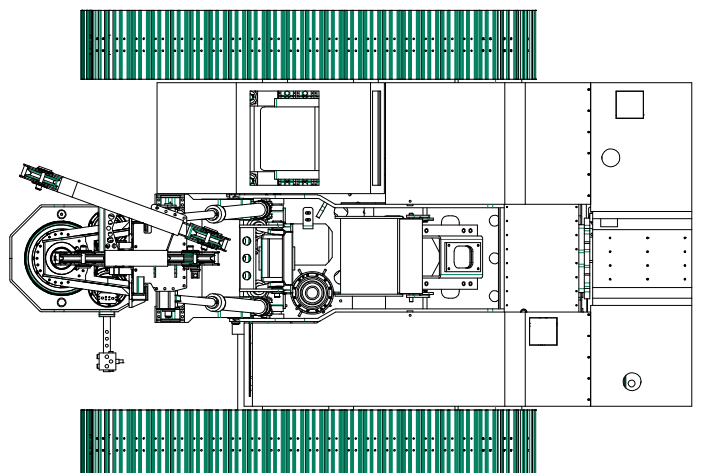
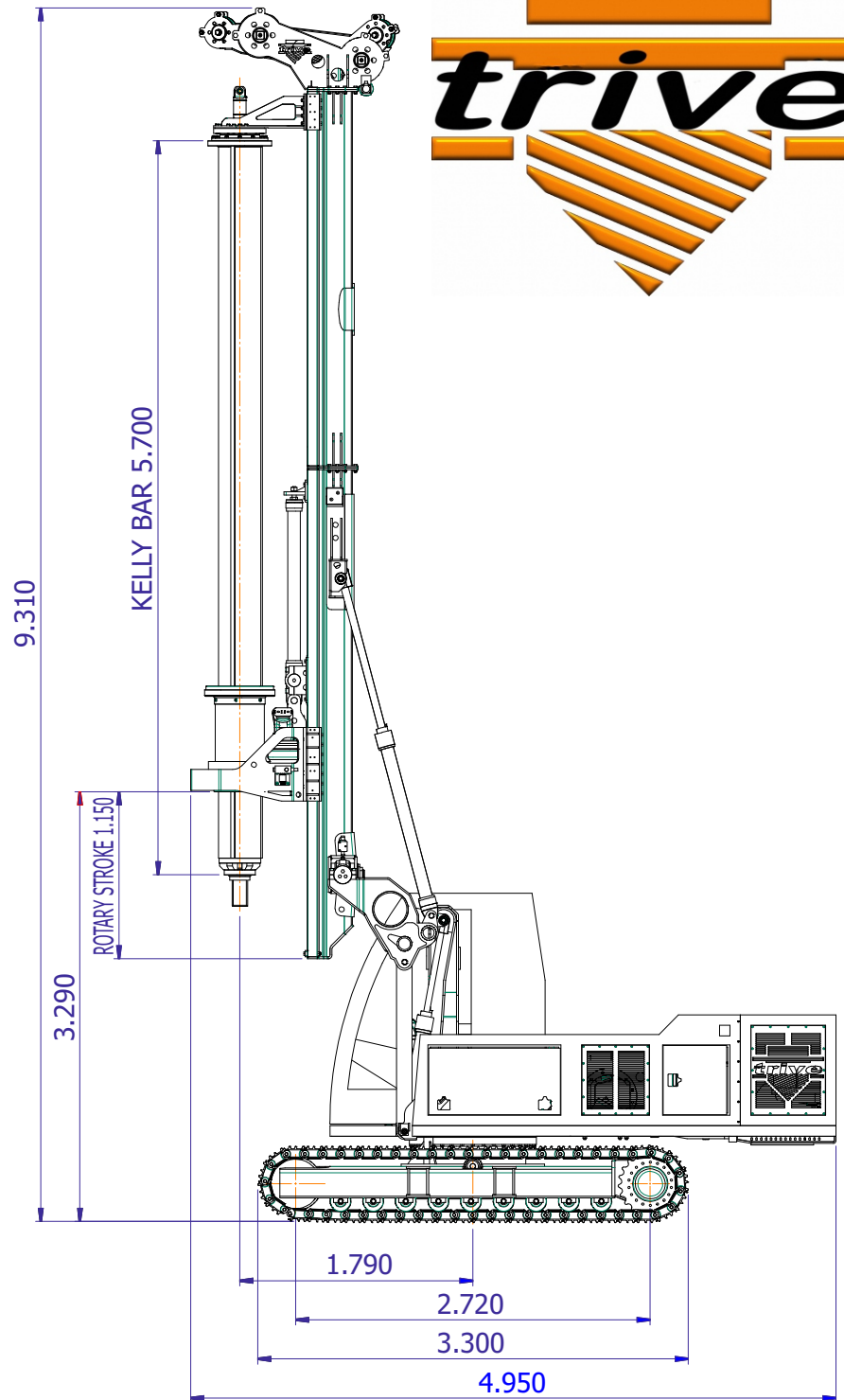
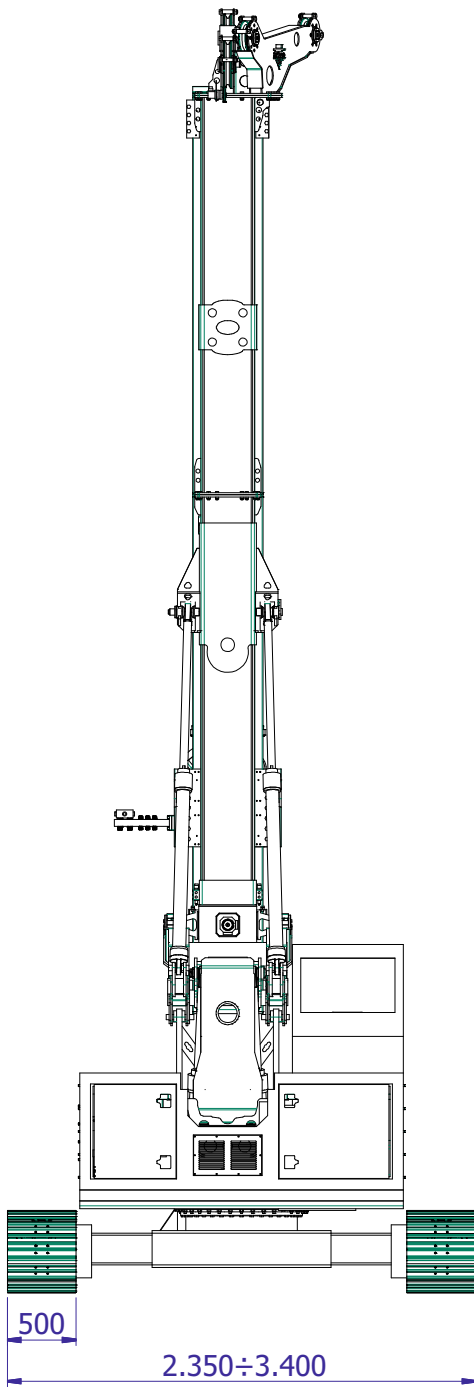
Argano Ausiliario Integrato	Integrated Auxiliary Winch				
Tiro massimo	Max Line Pull	kN	30	lbf	6.744
Velocità cavo	Max Line speed	mt/min	40	ft/min	131,23
Diametro fune	Rope Diameter	mm	9	in	0,35
Capacità fune primo giro	Drum Capacity First Layer	mt	15	ft	49,21
Discesa Libera / Tamburo a dischi	Free Fall / Drum Disks		Si		yes

Rotary Testa RT 30	Rotary Head RT 30				
Coppia @ 320 Bar	Rotary Torque @ 320 Bar	kNm @ 8 rpm	60	lbf ft @ 8 rpm	44.253
Velocità di rotazione I°	Working Speed I° Gear	rpm	25	rpm	25
Velocità di scarico I°	Spin OFF I° Gear	rpm	110	rpm	110

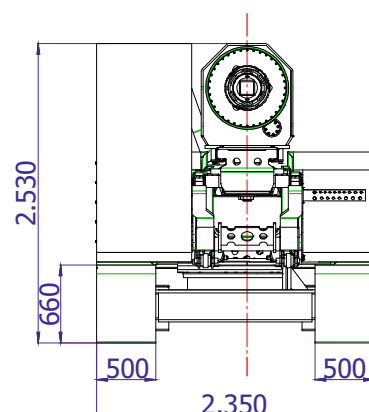
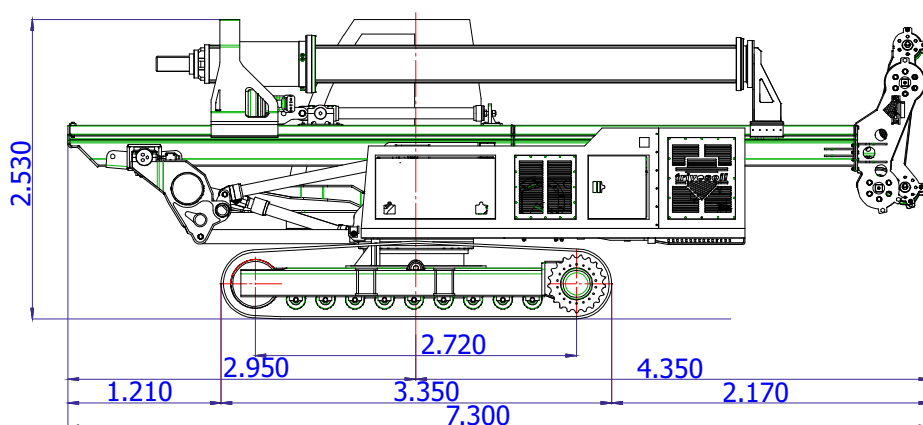
Cilindro Pull Down	Pull Down Jack				
Rotary spinta	Rotary Pull Down Capacity	kN @ 200 bar	100	lbf @ 200 Bar	22.480
Rotary sollevamento	Rotary Hoisting	kN @ 200 bar	50	lbf @ 200 Bar	11.240
Corsa	Stroke	mm	1.150	in	45

Peso	Weight				
Macchina in fase di lavoro	Weight in Working Conditions	Tons	16	lbf	30.865





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