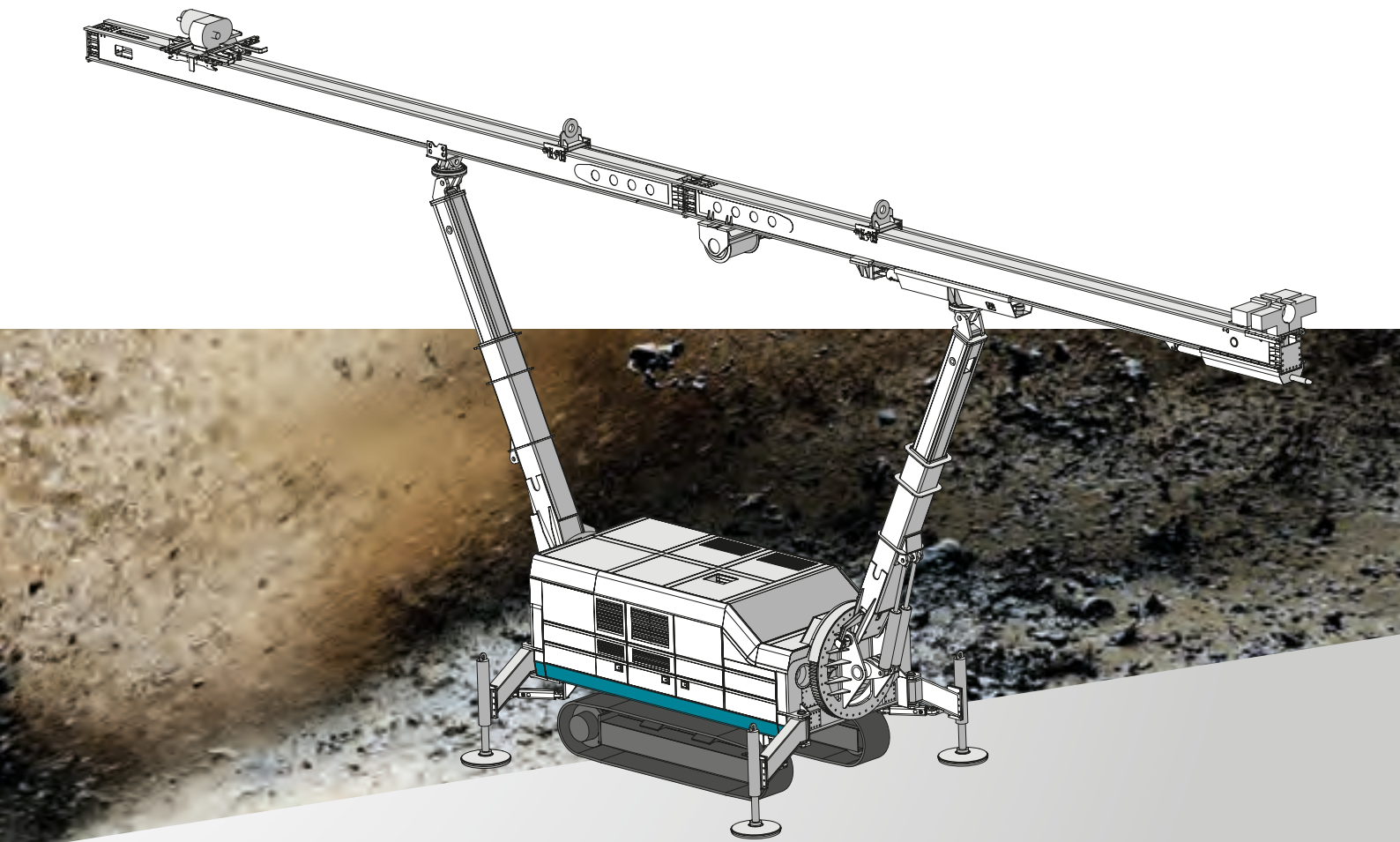


PG185

*MACHINE FOR TUNNEL
PERFORATRICE PER GALLERIA*



casagrande

PG185

TECHNICAL SPECIFICATIONS

DATI TECNICI

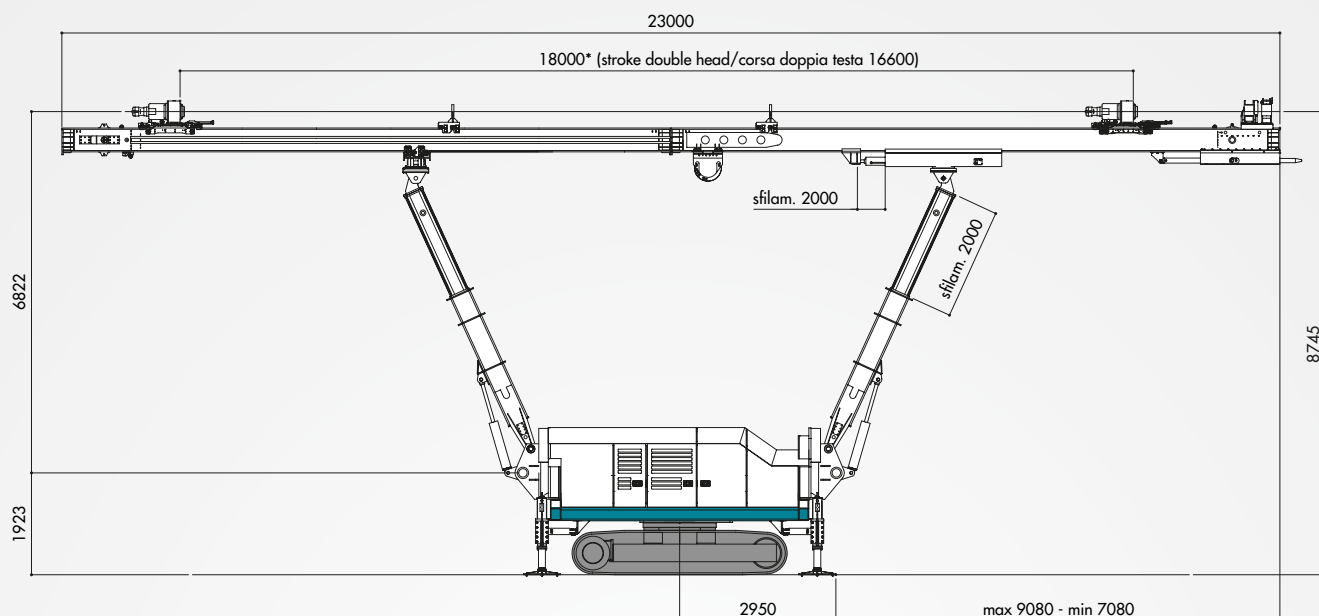
DIESEL ENGINE	MOTORE DIESEL		
Diesel engine	Motore diesel	CUMMINS B 6.7 - Stage V - Tier 4	
Power @ 2000 rpm	Potenza @ 2000 rpm	186 kW	
Urea tank capacity	Capacità serbatoio urea	57 l	
Diesel engine	Motore diesel	CUMMINS QSB 6.7 - Stage IIIA - Tier 3	
Power @ 2000 rpm	Potenza @ 2000 rpm	172 kW	
Diesel tank capacity	Capacità serbatoio gasolio	250 l	
ELECTRIC MOTOR - option	MOTORE ELETTRICO - option		
Rated power @ 1480 rpm	Potenza @ 1480 rpm	132 kW	
DUAL POWER - option	DUAL POWER - option		
Electric motor and Diesel engine	Elettrico e motore Diesel	Available	
HYDRAULIC SYSTEM	IMPIANTO IDRAULICO		
Hydraulic pressure	Pressione idraulica	350 bar	
Main pump flow rate	Pompa principale portata	2 x 230 l/min + 179 l/min	
Hydraulic oil tank capacity	Capacità serbatoio olio idraulico	700 l	
CONTROLS	COMANDI		
Radio controls	Radio comandi		
UNDERCARRIAGE	SOTTOCARRO		
Undercarriage width	Larghezza sottocarro	2480 mm	
Tracks width	Larghezza pattini	500 mm	
Overall tracks length	Lunghezza cingoli	4060 mm	
Travel speed	Velocità traslazione	1,8 km/h	
Max. gradeability	Pendenza superabile	20°	
MAST	MAST		
Mast length	Lunghezza mast	23000 mm	
Stroke of single / double rotary head	Corsa testa di rotazione singola / doppia	18000 mm / 16700 mm	
Extraction / Crowd force	Forza di Estrazione / Spinta	90 kN	
Extraction / Crowd speed	Velocità di Estrazione / Spinta	50 m/min	
CLAMPS	MORSE	M2Z M2SZ	
Diameter	Diametro	32 ÷ 254	
Clamping force	Forza di chiusura	159 kN	
ROTARY HEAD	TESTA DI ROTAZIONE	T14 EP	T20 EP
Max. torque	Coppia max.	12170 Nm	15210 Nm
Max. speed	Giri max.	500 rpm	400 rpm
WEIGHT	PESO		
Weight of equipment*	Peso attrezzatura *	43000 ÷ 51000 kg	

* Depending of mounted equipment
Dipende dall'allestimento montato



PG185

TECHNICAL SPECIFICATIONS DATI TECNICI

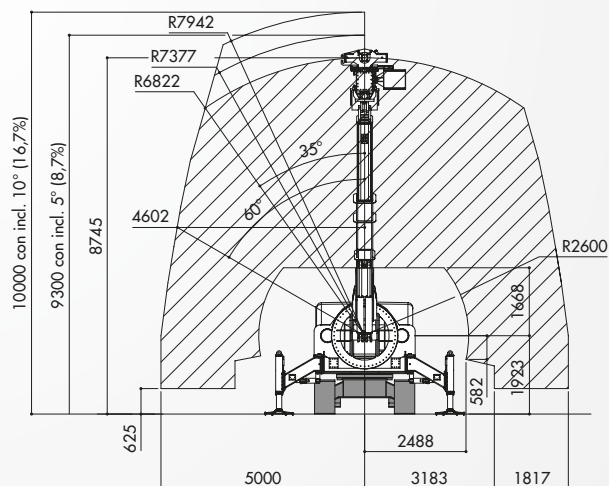
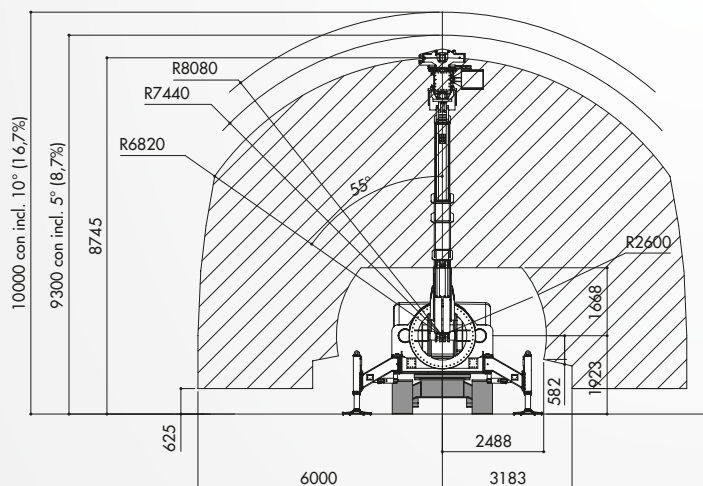


* Dimensions with two drive rod trolleys/ Dimensioni con due carrelli guida aste

WORKING AREA* AREA DI LAVORO*

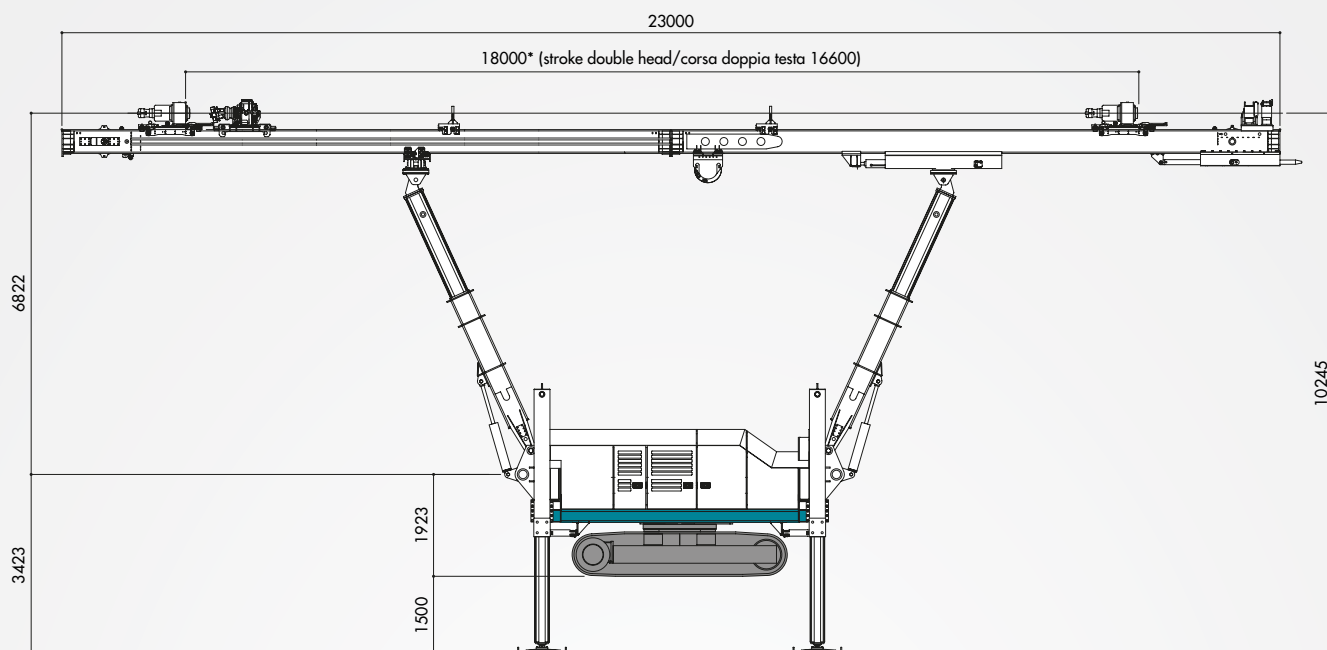
BASIC ARRANGEMENT WITH SINGLE ROTARY HEAD
ALLESTIMENTO DI LAVORO CON TESTA SINGOLA

DOUBLE HEAD ARRANGEMENT
ALLESTIMENTO DOPPIA TESTA



* May change according to the arrangement of the machine
Varia in base all'allestimento della macchina

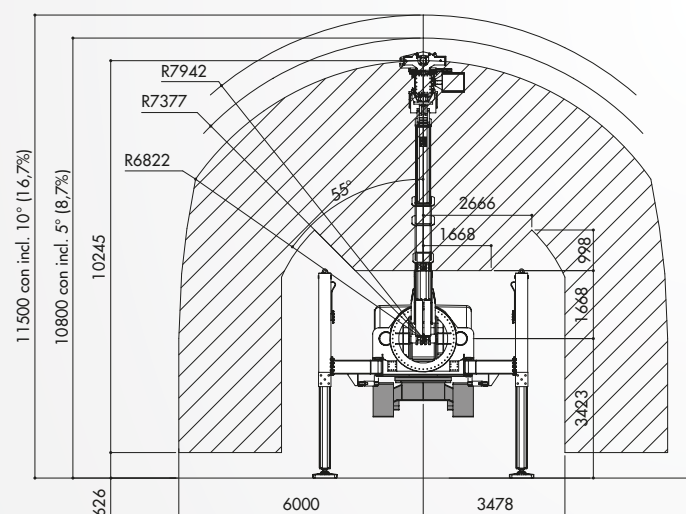
INCREASED STABILIZERS (OPTION) STABILIZZATORI MAGGIORATI (OPTION)



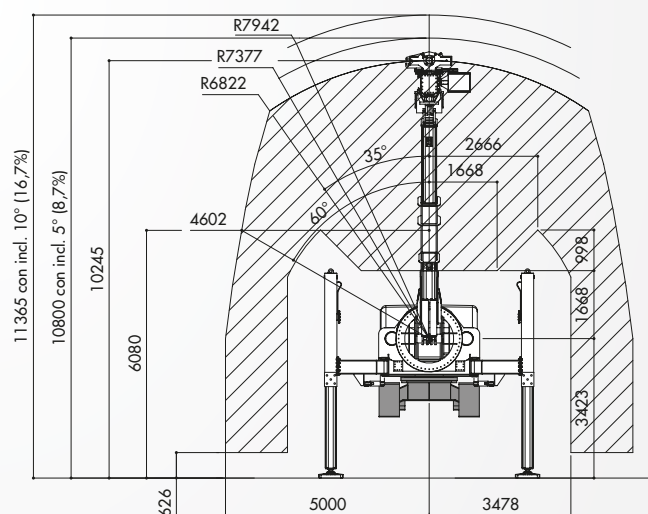
* Dimensions with two drive rod trolleys/ Dimensioni con due carrelli guida aste

WORKING AREA* AREA DI LAVORO*

BASIC ARRANGEMENT WITH SINGLE ROTARY HEAD
ALLESTIMENTO DI LAVORO CON TESTA SINGOLA

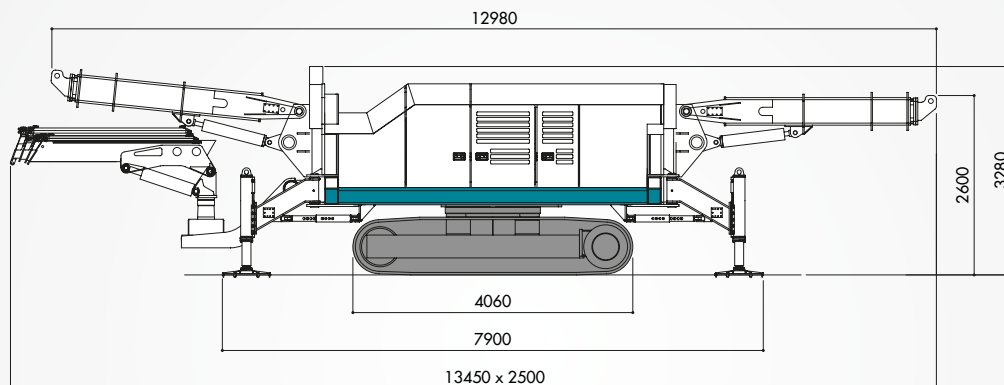


DOUBLE HEAD ARRANGEMENT
ALLESTIMENTO DOPPIA TESTA

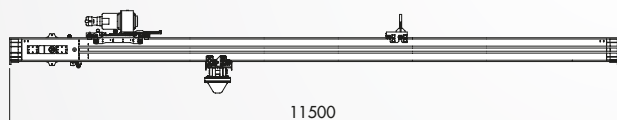


* May change according to the arrangement of the machine
Varia in base all'allestimento della macchina

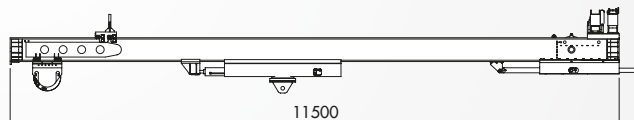
TRANSPORT DATA DATI DI TRASPORTO



Weight of rig / Peso attrezzatura
~ 33000 kg (~ 36000 kg with auxiliary crane/con gru di servizio)



Weight / Peso
~ 11000 kg



Minimum values. May change according to the arrangement of the machine
Valori minimi. Possono variare in base all'allestimento della macchina

OPTIONS OPZIONI

> Other rotary heads available	> Altre teste di perforazione disponibili
> Drifter T40	> Applicazione Martello T40
> Jet grouting system	> Impianto per jet grouting
> 2-rod loader, rods max Ø 140 mm, max. length 8000 mm	> Caricatore 2 aste, Ø max. 140 mm, lunghezza max 8000 mm
> Spike driver (max 2 spikers)	> Spingichiodi (max 2 chiodi)
> Increased stabilizers, Stroke 2000 mm, max. lifting 1500 mm	> Stabilizzatori maggiorati, corsa 2000 mm, sollevamento max. 1500 mm
> Double rotary head	> Doppia testa
> 5 m latticed extension for jet grouting	> Prolunga tralicciata 5 m per jet grouting
> 6 m lattice foldable extension for transport	> Prolunga tralicciata da 6 m ripiegabile per trasporto
> Water pump - Foam pump	> Pompa acqua - Pompa schiumogeni
> Line lubricators	> Oliatori di linea
> Drive units	> Trascinatori
> Chuck P114, P200	> Mandrino P114, P200
> Sliding of clamps group, max. sliding 600 mm	> Scorrimento del gruppo morse, max. 600 mm
> Auxiliary crane	> Gru ausiliaria
> Mobile elevating working platform	> Piattaforma di lavoro mobile
> Dual motor equipment	> Doppia motorizzazione
> Cable reel for electric cable	> Avvolgicavo per cavo elettrico





CASAGRANDE S.P.A.

Via A. Malignani, 1
33074 Fontanafredda - Pordenone (Italy)

Tel. +39 0434 9941
Fax +39 0434 997009



info@casagrandegroup.com
www.casagrandegroup.com