

MARINI[®]

QUARRIES GROUP

MR - C 95



PERFORATRICE IDRAULICA
HYDRAULIC DRILLING RIG
FOREUSE HYDRAULIQUE
HYDRAULISCHE BOHRMASCHINE

MR
NEW ERA OF DRILLING MACHINES

MR - C Line

IT

MR-C 95 perforatrice cingolata con centrale integrata da 140/154 HP per l'esecuzione di micro pali, ancoraggi, Jet Grouting e consolidamenti con aste autoperforanti. La macchina è in grado di operare tutti i sistemi di perforazione del tipo a rotazione e rotopercolazione, martelli fondo foro e attrezzature per il carotaggio. Completamente radiocomandata è la soluzione ideale per le perforazione più impegnativa nelle opere specializzate di ingegneria civile.

ENG

MR-C 95 hydraulic self-propelled crawler drilling unit powered by 140/154 HP engine for micropiles, rock anchoring, Jet Grouting and soil reinforcement by self-anchoring rods. The machine can be equipped with all roto-percussion system, DTH hammer and coring tools. Totally radio controlled, it is the ideal solution for the most demanding drilling in all specialized civil engineering works.

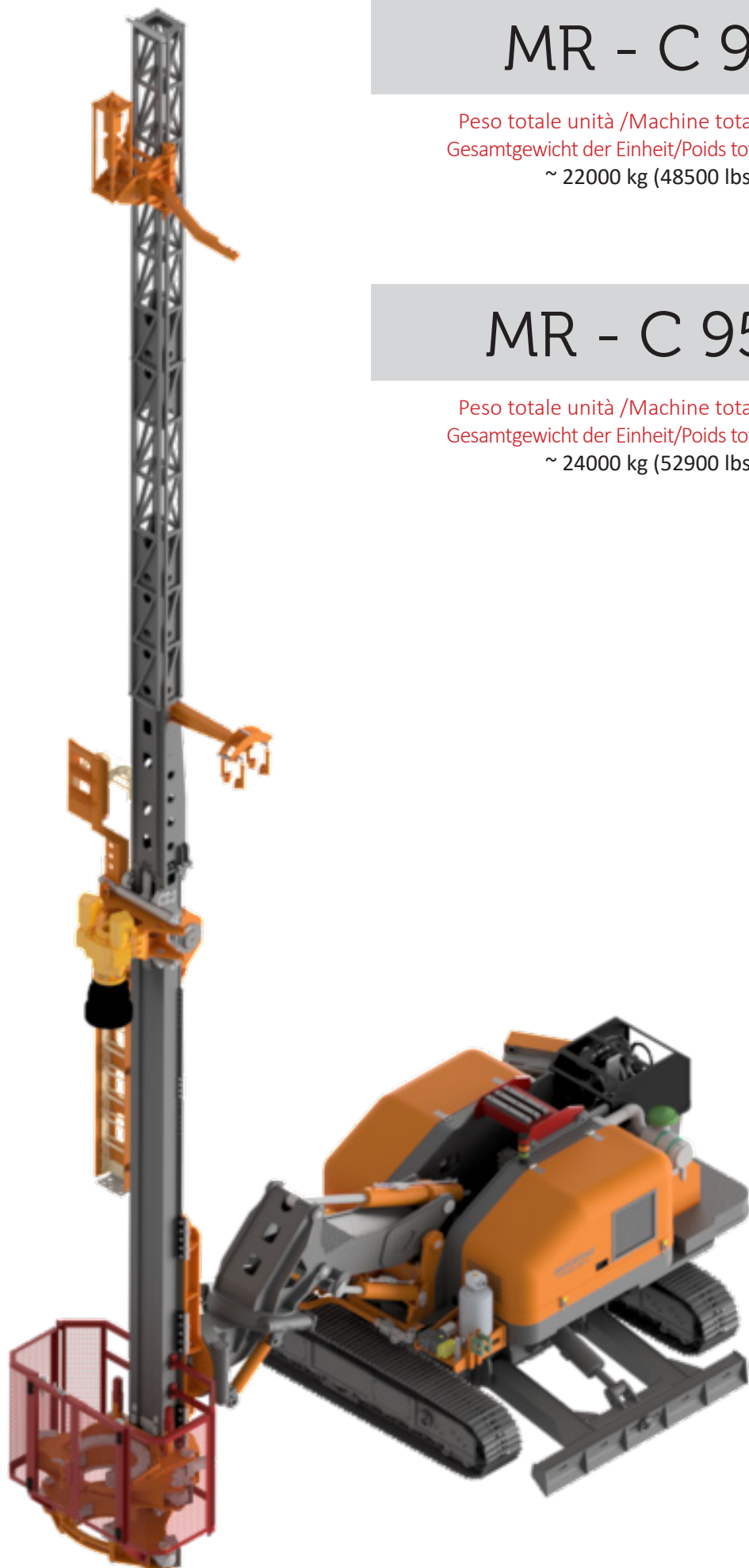
DE

MR-C 95 RAUPENBOHRGERÄT mit dieselgetriebenen Kraftpaket 140/154 PS einsetzbar für alle Systeme: Wurzelfpfählen, Anker- und Sprengloch, Überlagerungs, Injektions, Jet Grouting, Sondier- und Drehbohrungen. Komplet Funkgesteuert setzt das Bohrgerät durch die einzigartige Beweglichkeit neue Masstäbe im Spezialtiefbau. Weitere wichtige Merkmale sind eine eigens entwickelte Kinematik, endlos drehbarer Oberwagen welcher auf einem verstellbaren Stahlraupenfahrwerk mit Abstützschild aufgebaut ist.

FR

MR-C 95 Foreuse hydraulique sur chenille avec central hydraulique intégrée de 140/154 HP pour l'exécution micro pieux, d'ancrages, Jet Grouting et des consolidations avec des barres auto-foreuses. La machine est capable de faire fonctionner tous les systèmes de forage du type à rotation et roto-percussion, marteaux fond de trou et équipement pour le carottage. Complètement radiocommandée est une solution idéale pour le forage le plus exigeant dans les œuvres d'ingénierie spécialisée.





MR - C 95

Peso totale unità /Machine total weight /
Gesamtgewicht der Einheit/Poids total de l'unité
~ 22000 kg (48500 lbs)

MR - C 95P

Peso totale unità /Machine total weight /
Gesamtgewicht der Einheit/Poids total de l'unité
~ 24000 kg (52900 lbs)

MARINI QUARRIES GROUP S.R.L.

Dati Tecnici- Technical Data- Caractéristiques Technique- Technische Daten

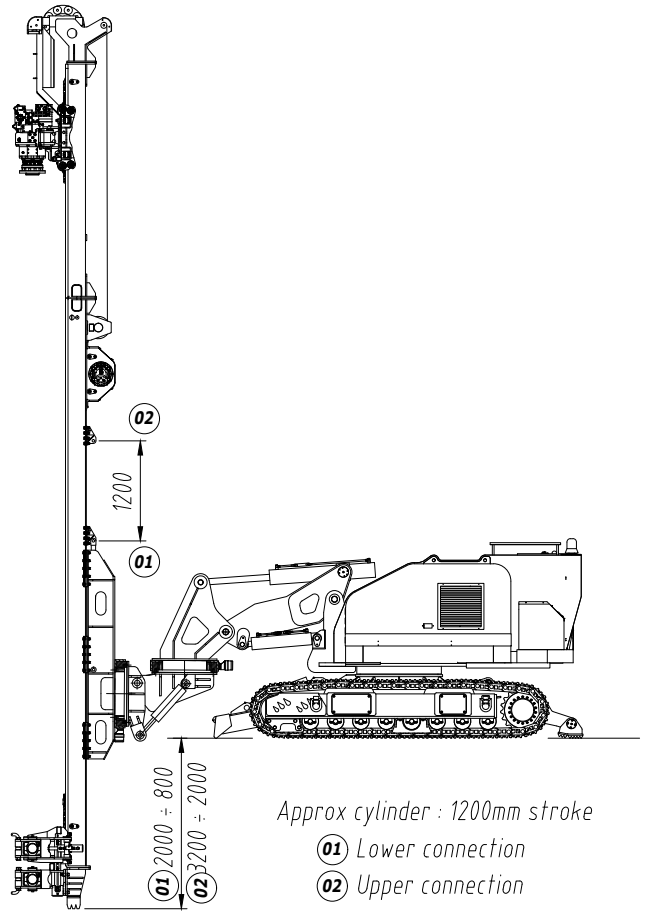
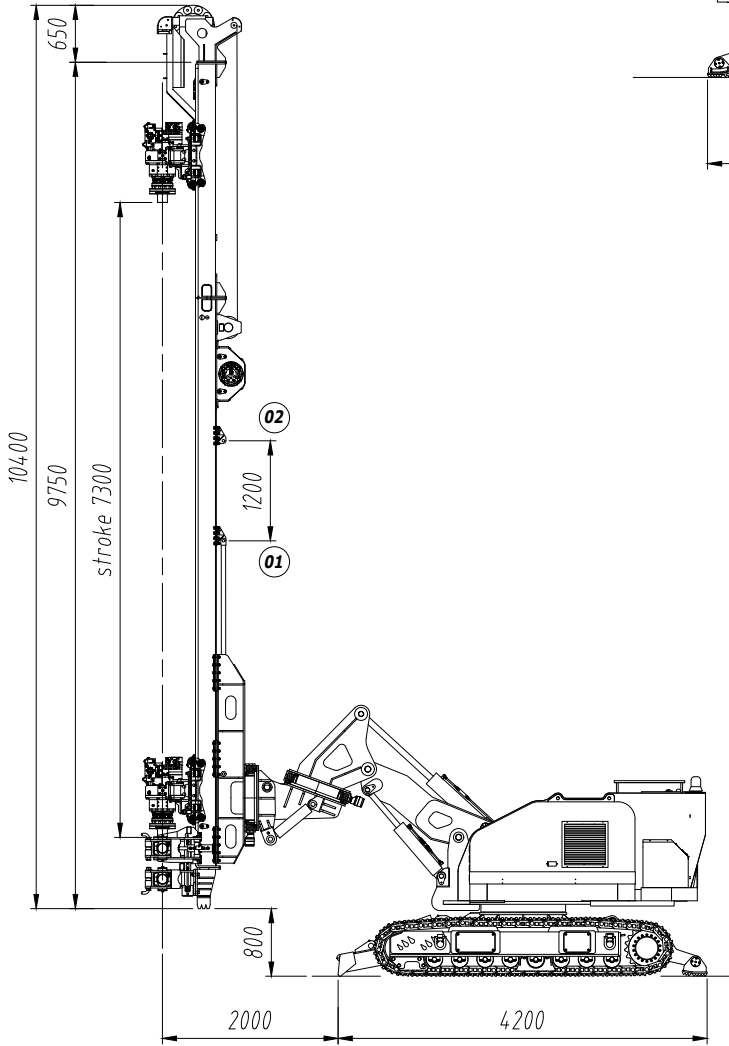
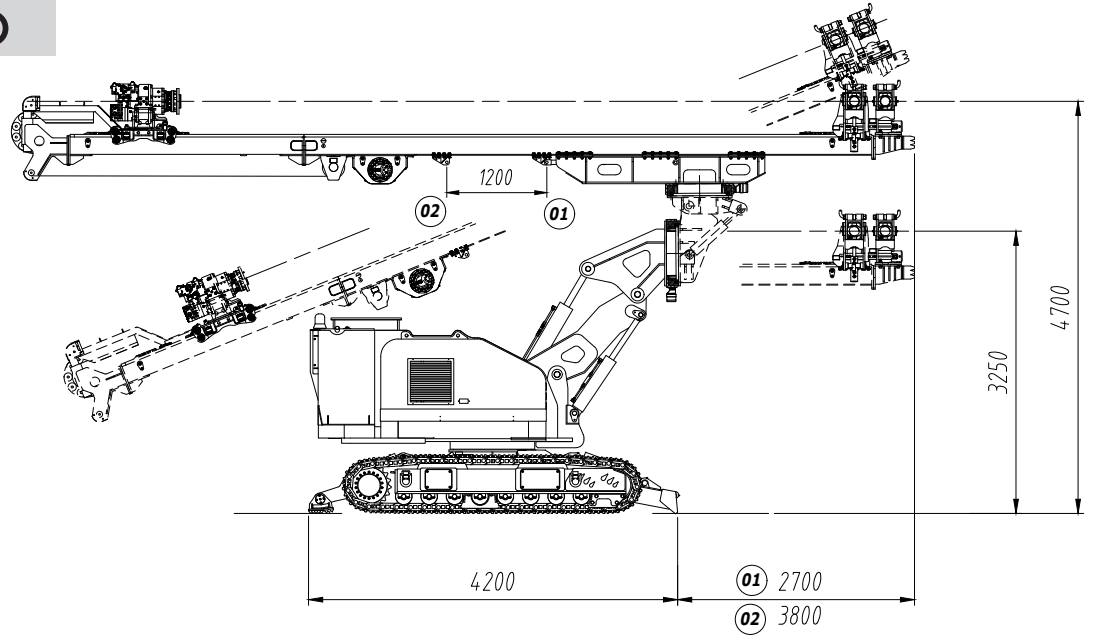
Carro Cingolato Undercarriage	Chariot chenille Fahrwerk				
Passo cingolo Wheel base	Enpattement Fahrwerk	2850 mm / 9.35 ft			
Careggiata variabile Variable track	Standbreite verstellbar Voie variable	2500 mm - 3000 mm (8.20- 9.84 ft)			
Larghezza suole Pad width	Ligneur patins Fussbreite	400 mm / 1.31 ft			
Pendenza max. Max. climbing ability	Pente max. Steigfähigkeit max.	100%			
Velocità max. Max. speed	Vitesse max. Fahrgeschwindigkeit	1.5 Km/h (9.3 mph)			
Centrale idraulica Power Pack	Groupe Hydraulique Hydraulikaggregat	MR-C 95		MR-C 95P	
Motore Diesel Diesel Engine	Moteur diesel Dieselmotor	Deutz TCD 4.1 L4	John Deere 4045HFC04	John Deere 4045HFC09	
Potenza motore Engine Power	Puissance moteur Antriebsleistung	115kW (154 Hp) @2400 rpm	104kW (140 Hp) @2200 rpm	128 kW (175 HP) @ 2200 rpm	
Pompa principale Main pump	Pompe principale Hydraulische Leistung	240 lpm @ 200 bar (63.40 gal/min @2900.75 psi)		2 x 200 lpm @ 300 bar (2x 52 gal/min @4350psi)	
Serbatoio olio Oil tank	Réservoir huile Oiltank	350 Litri / 92.5 gal		400 Litri / 105.5 gal	
Serbatoio Gasolio Fuel Tank	Réservoir diesel Diesel tank	170 Litri /47.5 gal		200 Litri / 52 gal	
Consumo carburante Fuel consumption	Consommation de carburant Kraftstoffverbrauch	6 - 7 l/h (1.6 - 1.86 gal/h)		7- 8 l/h (1.86- 2.1 gal/h)	
Raffreddamento Cooling	Kühlung Refroidissement	Scambiatore aria olio separato - Separate oil air exchanger Luftaustauscher / Ölabscheider / échangeur			
Mast Mast	Mat Lafette	CID 800			
Corsa utile Feed stroke	Course utile Vorschub	4500 - 7500 mm (*) / 14.76 - 24.6 ft (*)			
Lunghezza totale Total length	Longueur totale Gesamtlänge	10400 mm (*) / 34.12 ft (*)			
Jet Grouting	Jet Grouting	4500 + 8500 mm / 14.76 + 27.8 ft			
Forza di spinta Feed force	Poussée Vorschubkraft	8000 daN / 17984.71 lbf			
Forza di tiro Retract force	Traction Rückzugskraft	8000 daN / 17984.71 lbf			
Teste di rotazione Rotary head	Tête de rotation Drehkopf	HR 50	RH 24	Double Head (HR 40 + HR 50) (MR-C 95P)	
Coppia max. Max. torque	Couple max. Drehmoment max.	1890 daNm (13.940 ft*lb)	2400 daNm (17.700 ft*lb)	1.100 daNm (8.113 lb*ft)	1890 daNm (13.940 ft*lb)
Giri max. Max. speed	Vitesse max. Drehzahl max.	130 rpm	95 rpm	90 rpm	130 rpm
Marce Gears	Vitesses Gänge	2-3	2-3	2	2-3
Perforatore Rock drill	Perforateur Bohrer	HB 45		HB 50 (MR-C 95P)	
Coppia max. Max. torque	Couple max. Drehmoment max.	1300 daNm (9588.30 lbft)		1890 daNm (13939.92 ft*lb)	
Giri max. Max. speed	Vitesse max. Drehzahl max.	160 rpm		130 rpm	
Forza di battuta Impact energy	Force de frappe Einzelschlagenergie	590 Nm		840 Nm	
Frequenza di battuta Impact frequency	Fréquence de frappe Schlagfrequenz	1300-2500 cpm		1300-2400 cpm	
Aste filettate ed auto perforanti Threaded and self-anchoring rods	Barres filetées et autoforeuses Gewindestangen und Bohr- schrauben	R32/R38/R51/T38/T45/H55 LH- RH /H64 LH-RH		R51/T38/T45/H55 LH-RH /H64 LH-RH / C112 LH-RH	

Opzioni ed Accessori- Options and Accessories- Options et Accessoires- Optionen und Zubehör

Morse Clamps	Mors Klemm-und Brechvorrichtung	Mod: 45/365	Mod: 45/420	Mod. 114/520
Diametro min. / max presa Clamping range	Tige diamètre min. / max Durchmesser min. / max	Ø 45 / 365 mm (1.76 / 14.37 in)	Ø 45 / 420 mm (1.76 / 16.54 in)	Ø 114 / 520 mm (4.48 / 20.47 in)
Forza di chiusura Clamping force	Force de serrage Klemmkraft	30000 daN @250 bar (67442.68 lb @ 3625.94 psi)	30000 daN @250 bar (67442.68 lb @ 3625.94 psi)	30000 daN @250 bar (67442.68 lb @ 3625.94 psi)
Coppia svitaggio Breaking torque	Couple de deserrage Brechmoment	4700 daNm / 34665.41 lb ft	4700 daNm / 34665.41 lb ft	4700 daNm / 34665.41 lb ft
Morsa Estrattore Clamp Extractor	Mors extracteur Extraktionserschraubstock	Mod: M E		
Corsa utile Feed stroke	Course utile Vorschub	500 mm / 1.64 ft		500 mm / 1.64 ft
Argano idraulico Hydraulic winch	Treuil hydraulique Hydraulische Seilwinde	Mod: 1000		Mod: 2000
Tiro max. Max. pull	Max. Zugkraft Traction maxi	1000 daN / 2200 lb		2000 daN / 4400 lb
Lunghezza fune Rope length	Seillänge Longueur du câble	20 mt. (*) / 66 ft (*)		
Diametro filo Rope diameter	Seildurchmesser Diamètre du fil	8 mm / 0.31 in		
Pompa schiumogeno Foam pump	Pompe à mousse Schaumpumpe			
Pressione esercizio Working pressure	Pression de travail Arbeitsdruck	150 bar (2176 psi)		
Portata Flow	Flux Fließen	30 lpm (7.93 gal/min)		
Pompa fanghi Mud pump	Pompe à boue Schlammpumpe	MR-C 95P		
Pressione esercizio Working pressure	Pression de travail Arbeitsdruck	30- 45 bar (435- 652 psi)		
Portata Flow	Flux Fließen	200 lpm (52.8 gal/min)		
Carrello Apribile Openable cart	Chariot ouvrable Öffnungskorb	Mod: C A		
Corsa utile Feed stroke	Course utile Vorschub	510 mm (*) / 19.68 in (*)		
Gabbia di protezione Protection cage	Cage de protection Schutzkäfig	Mod: M		Mod: R
Apertura opening	Ouverture Öffnung	Manuale /Manual Manuelle/Manuelle		Radiocomandata /Radio-controlled Radio-pilotée /Funkgesteuerte



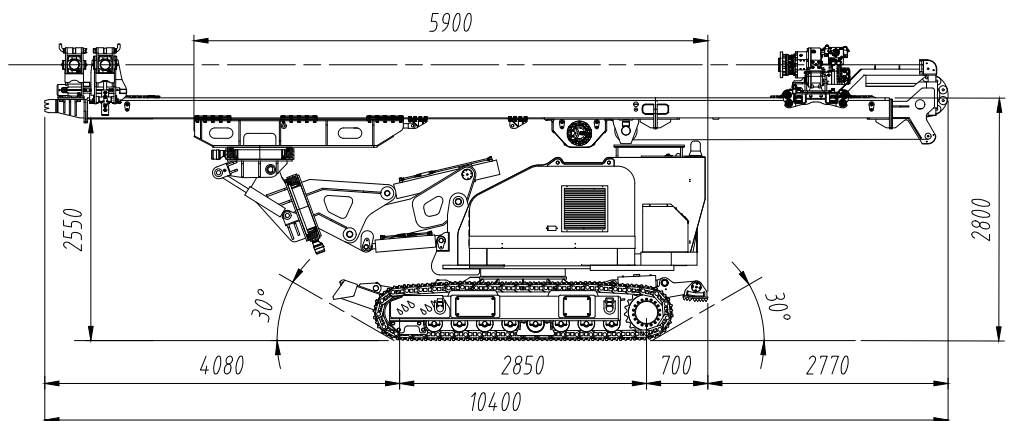
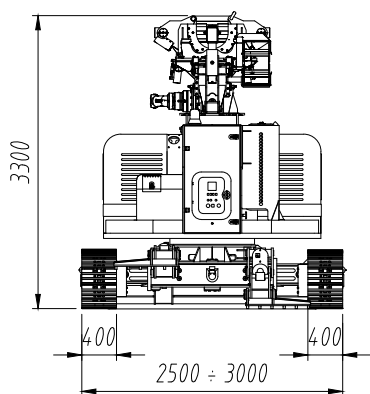
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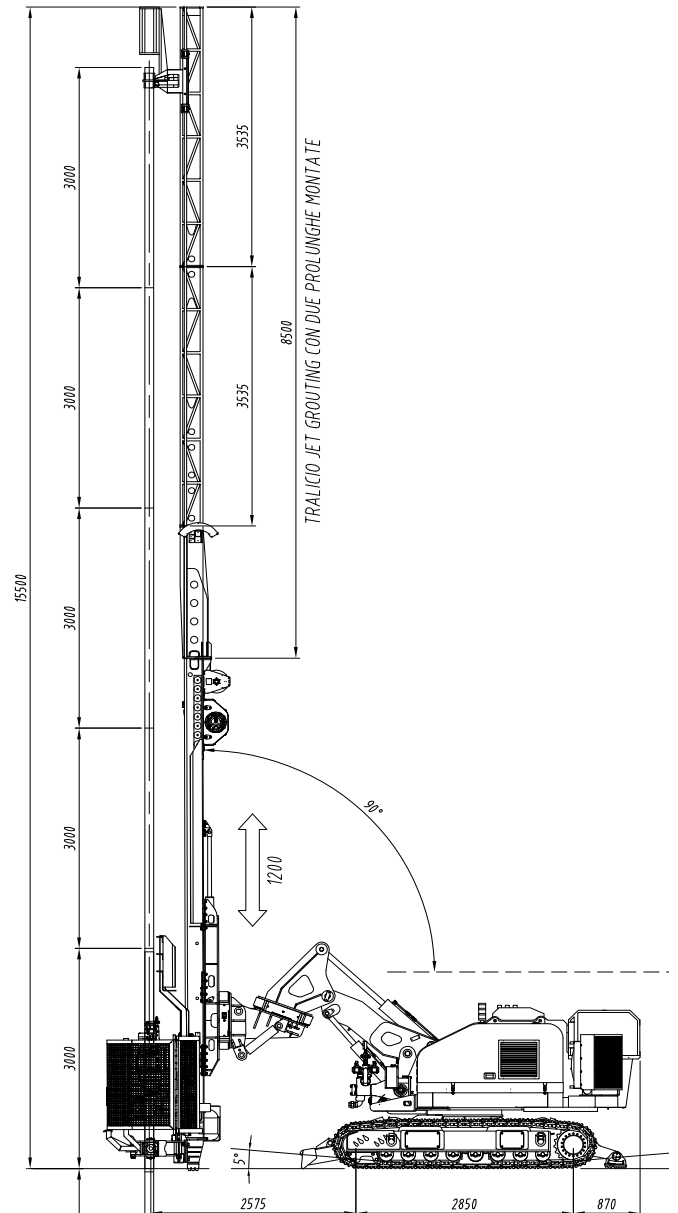
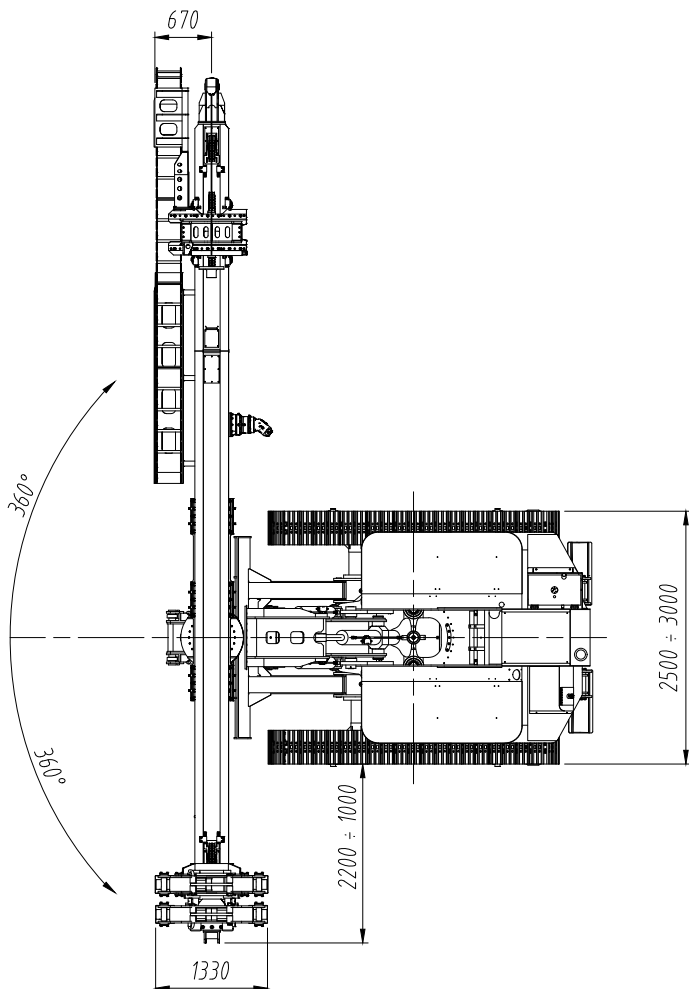
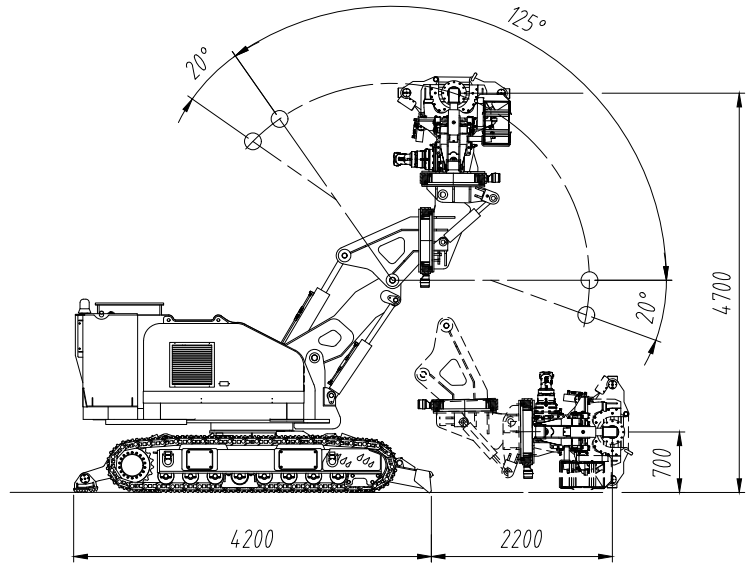
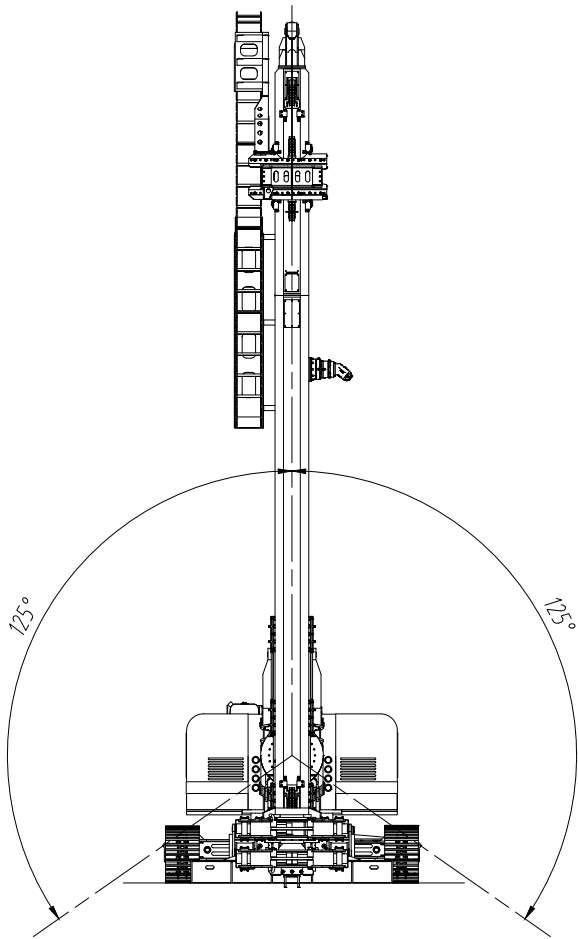
Approx cylinder : 1200mm stroke

01 Lower connection

02 Upper connection



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... working to grow together...

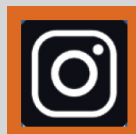
MARINI QUARRIES GROUP S.R.L.

Via Beura 44-28844 Villadossola (VB)-ITALY

Tel.+39 0324 575106 Fax. +39 0324 54096

Web site www.mariniqg.it

email: mariniqg@mariniqg.it



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