



COMACCHIO

DRILLING HI-TECH



PERFORATRICE
IDRAULICA

FOREUSE
HYDRAULIQUE

HYDRAULIC
DRILL RIG

HYDRAULISCHE
BOHRMASCHINE

MC-F 04.1



MC-F 04.1

Perforatrice Idraulica - Hydraulic drill rig
Foreuse Hydraulique
Hydraulische Bohrmaschine



La **MC-F 04.1** è una perforatrice idraulica cingolata di elevate prestazioni in grado di operare tutti i sistemi di perforazione del tipo a rotazione e/o rotopercolazione, idonea per l'esecuzione di opere specializzate di ingegneria civile quali micropali, ancoraggi, jet grouting, consolidamenti in genere.



MC-F 04.1 is an hydraulic crawler-mounted drill rig of excellent performance able to operate all rotary and/or rotary percussive drilling systems. The machine is suitable for specialized works of civil engineering such as micropiles, anchors and ground consolidations.



MC-F 04.1 est une foreuse hydraulique sur chenilles avec des performances excellentes et capable d'exécuter tout type de forage à rotation et/ou rotopercolation, indiquée pour la réalisation d'œuvres spécialisées d'ingénierie civile comme micropieux, ancrages, opérations de confortement.



Das Bohrgerät **MC-F 04.1** ist ein Hochleistungs-Raupenbohrgerät, geeignet für alle Bohrsysteme mit Dreh- und/oder Schlagbohren. Die Maschine kann für die Ausführung von Spezialtiefbauarbeiten wie Mikropfähle, Verankerungen und Bodenbefestigungsarbeiten eingesetzt werden.



Carro cingolato	Undercarriage	Chariot chenille	Fahrwerk		
Passo cingolo	Wheel base	Enpattement	Fahrwerk	2.600 mm	8,5 ft
Larghezza max.	Max width	Largeur max.	Gesamtbreite	2.300 mm	7,5 ft
Larghezza suole	Pad width	Largeur patins	Fussbreite	450 mm	17,7 in
Pendenza max.	Max. climbing ability	Pente max.	Steigfähigkeit max.	50 %	
Velocità max.	Max. speed	Vitesse max.	Fahrgeschwindigkeit	2 km/h	1,24 mph
Centrale idraulica	Power pack	Groupe hydraulique	Hydraulikaggregat		
Motore diesel	Diesel engine	Moteur diesel	Dieselmotor	DEUTZ TCD 2013 L6 2V	
Potenza motore	Engine power	Puissance moteur	Antriebsleistung	188 kW (255 HP) / 2.200 rpm	
Pompa principale	Main pump	Pompe principale	Hydraulische Leistung	2 x 235 lt/min	2 x 62 gal/min
Serbatoio olio	Oil tank	Réservoir huile	Öltank	600 lt	157 gal
Serbatoio gasolio	Fuel tank	Réservoir diesel	Dieseltank	200 lt	53 gal
Mast	Mast	Mat	Lafette		
Corsa utile	Feed stroke	Course utile	Vorschub		
- Testa singola	- Single head	- Tête de rotation simple	- Einzeldrehkopf	4800 mm	15,7 ft
- Doppia testa	- Double head	- Double tête	- Doppelkopfanlage	4200 mm	13,7 ft
Lunghezza totale	Total length	Longueur totale	Gesamtlänge	8.000 mm	26,1 ft
Forza di spinta	Feed force	Poussée	Vorschubkraft	10.000 daN	22,480 lbs
Forza di tiro	Retract force	Traction	Rückzugskraft	10.000 daN	22,480 lbs
Martello idraulico	Hydraulic drifter	Marteau hydraulique	Hydraulikhammer		
Tipo	Type	Type	Typ	HD5012/HD8021/HD8032	
Testa di rotazione	Rotary head	Tête de rotation	Drehkopf		
Tipo	Type	Type	Typ	RH2100/RH3200/RH4300	
Doppia testa	Double head	Double tête	Doppelkopf		
Rotazione-percussione	Rotary-drifter	Rotation-percussion	Drehen-Schlagen	RH1700&HD4008/RH1700&HD4010	
				RH2100&HD5012	
Rotazione-rotazione	Rotary-rotary	Rotation-rotation	Drehen-Drehen	RH1700&CT35-36A/RH2100&CT35-36A	
				RH3200&CT35-36A	
Morse	Clamps	Mors	Klemm- und Brechvorrichtung		
Diametro min. di presa	Min. handing	Tige/diamètre min.	Durchmesser min.	45 mm	1,8 in
Diametro max. di presa	Max. handing	Tige/diamètre max.	Durchmesser max.	420 mm	16,4 in
Forza di chiusura	Clamping force	Force de serrage	Klemmkraft	280 KN	62,945 lbs
Coppia svitaggio	Breaking torque	Couple de deserrage	Brechvorrichtung	3.500 daNm	25,813 lb*ft
Argano	Winch	Treuil	Seilwinde		
Tiro max.	Max line pull	Force de levage	max. Zugkraft	2.000 daN	4,496 lbs
Capacità fune	Drum capacity	Câble au tambour	Seillänge	50 mt	164 ft
Velocità fune	Rope speed	Vitesse au retrait	Seilgeschwindigkeit	40 mt./min.	130 ft/min
Diametro fune	Rope diameter	Diamètre du câble	Seildurchmesser	10 mm	0,39 in
Ingombri	Dimensions	Dimensions	Aussenabmessungen		
Lunghezza	Length	Longueur	Länge	8.200 mm	26,8 ft
Larghezza	Width	Largeur	Breite	2.300 mm	7,5 ft
Altezza	Height	Hauteur	Höhe	2.850 mm	9,3 ft
Peso	Weight	Poids	Gewicht	19.000 - 21.000 kg	38,000 - 42,000 lbs

(*) Dimensioni variabili su richiesta - Dimension variable on request

Des dimensions différentes sur demande -Auf Anfrage verschiedene Abmessungen



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Dati Tecnici - Technical Data Caractéristiques Techniques Technische Daten

	Marce Gears Vitesses Schaltstufe	Coppia max Max torque Couple max Drehmoment max.	Giri max. Max speed Vitesse max. Drehzahl max. (rpm)	Energia battuta Impact energy Energie par coups Einzelschlagenergie (Nm)	Frequenza Frequency Fréquence Schlagfrequenz (min ⁻¹)
HD 4008	2 - (3)	460-630-900 (1.010) daNm 3,392-4,646-6,638 (7,449) lb*f	210 - 150 - 106 (360)	500	2400
HD 4010	2	690 - 870 - 1100 daNm 5,088 - 6,416 - 8,113 lb*f	138 - 110 - 86	500	2400
HD 5012	2 - (3)	720 - 1.000 - 1.410 daNm 2,310 - 7,375 - 10,400 lb*f	132 - 86 - 68 (192 - 136)	650	2300
HD 8021	2 - (3)	1.220 - 1.700 - 2.400 daNm 8,998 - 12,538 - 17,701 lb*f	78 - 56 - 40 (112-80)	900	2200
HD 8032	3	1.830 - 2.540 - 3.600 daNm 13,497 - 18,734 - 26,552 lb*f	78 - 56 - 40	900	2200
RH 1700	2	1.200 - 1.680 - 2.370 daNm 8,850 - 12,391 - 17,480 lb*f	60 - 86 - 120	—	—
RH 2100	2-(3)	1.120 - 1.700 - 2.400 daNm 8,260 - 12,538 - 17,701 lb*f	78-56 - 40 (112-80)	—	—
CT35A	2	580 - 720 - 900 daNm 4,278 - 5,310 - 6,638 lb*f	110 - 90 - 70	—	—
CT36A	3	720 - 930 daNm 5,310 - 6,859 lb*f	200 - 140	—	—



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

Martello idraulico	Hydraulic drifter	Marteau hydraulique	Hydraulikhammer		
Doppia testa	Double head	Double tête	Doppelkopf		
Morsa doppia	Double clamp	Groupe mors double	Doppelklemme		
Argano di servizio	Hydraulic winch	Treuil hydraulique	Hydraulische Seilwinde		
Pompa schiumogeno	Foam pump	Pompe à mousse	Schaumpumpe	20 lt/min	5,3 gal/min
Pompa triplex	Triplex pump	Pompe triplex à pistons	Triplexpumpe	200 lt/min	53 gal/min
Lubrificatore di linea	D.T.H. lubricator	Graisser de ligne	Linienöler		
Gru idraulica	Hydraulic crane	Grue hydraulique	Hydraulischer Kran	480 kg	7,79 mt
Preventer	Preventer	Preventer	Éjecteur		



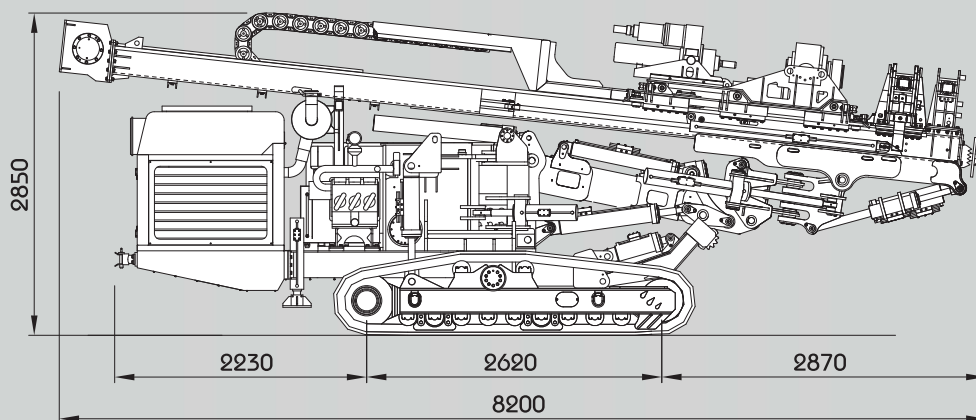
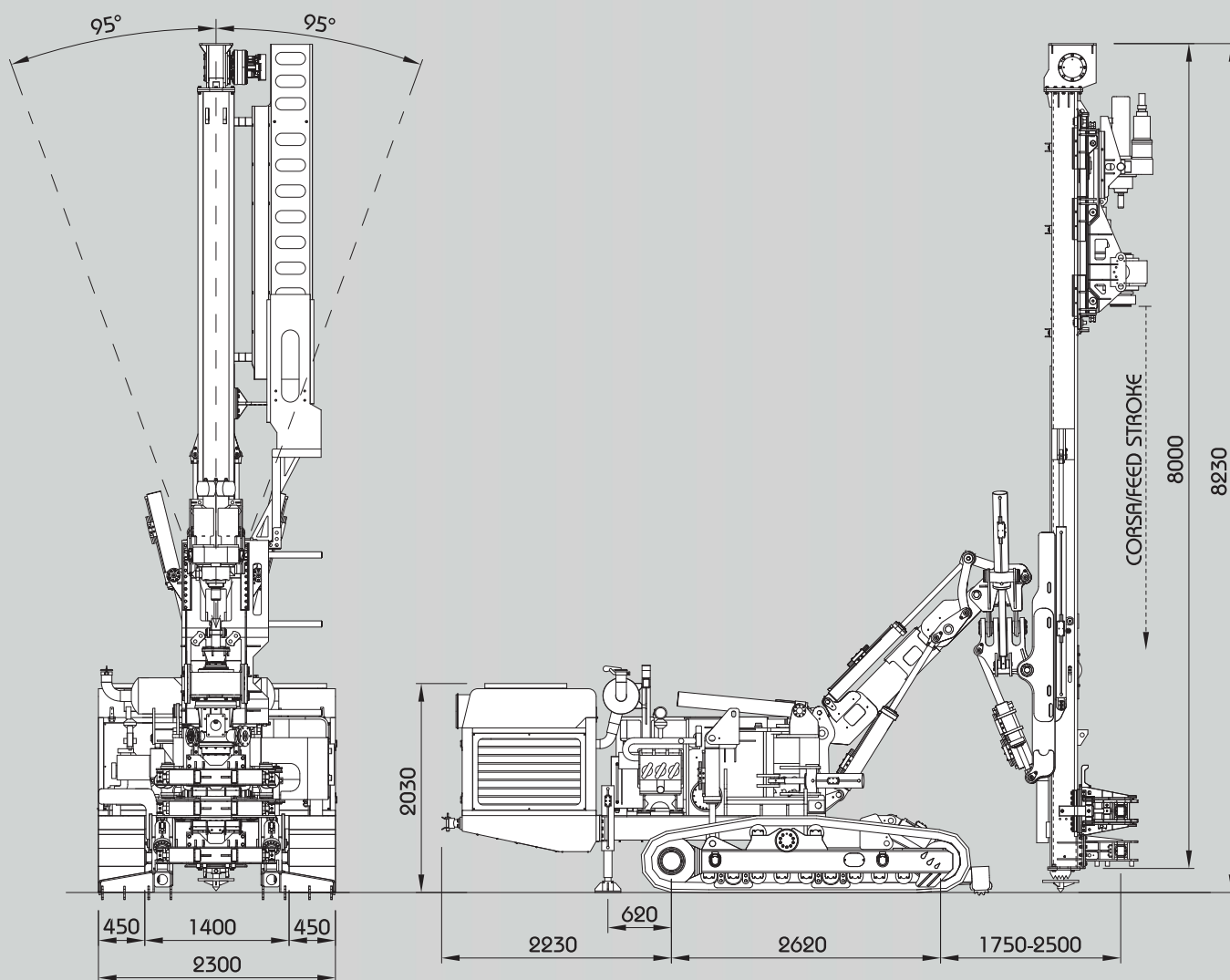


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Dimensioni di ingombro

Overall dimensions

Dimensions - Aussenabmessungen

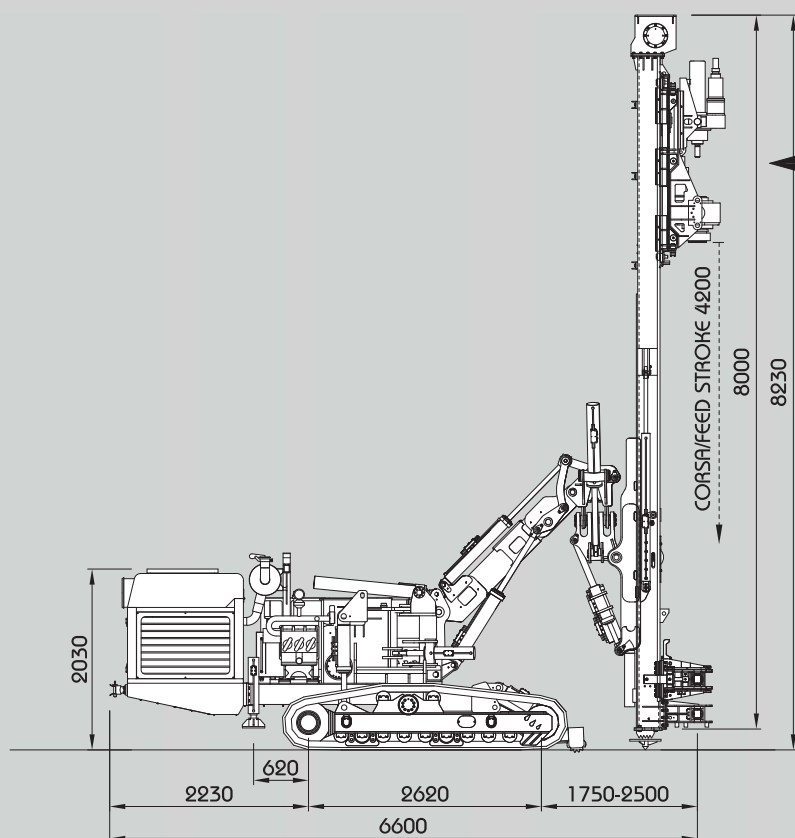




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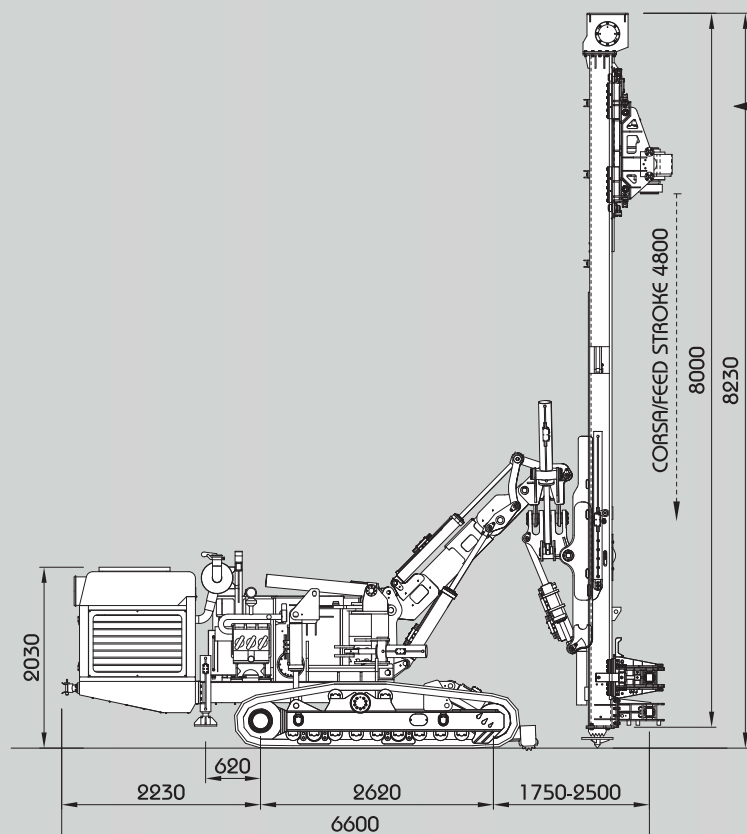
Configurazione teste Heads configuration

Configuration des têtes - Kopfkfiguration



Configurazioni doppia testa Double head configurations

- RH 1700 + HD 4008
- RH 1700 + HD 4010
- RH 1700 + CT35A/CT36A
- RH 2100 + HD 4008
- RH 2100 + HD 4010
- RH 2100 + HD 5012
- RH 2100 + CT35A/CT36A
- RH 3200 + CT35A/CT36A



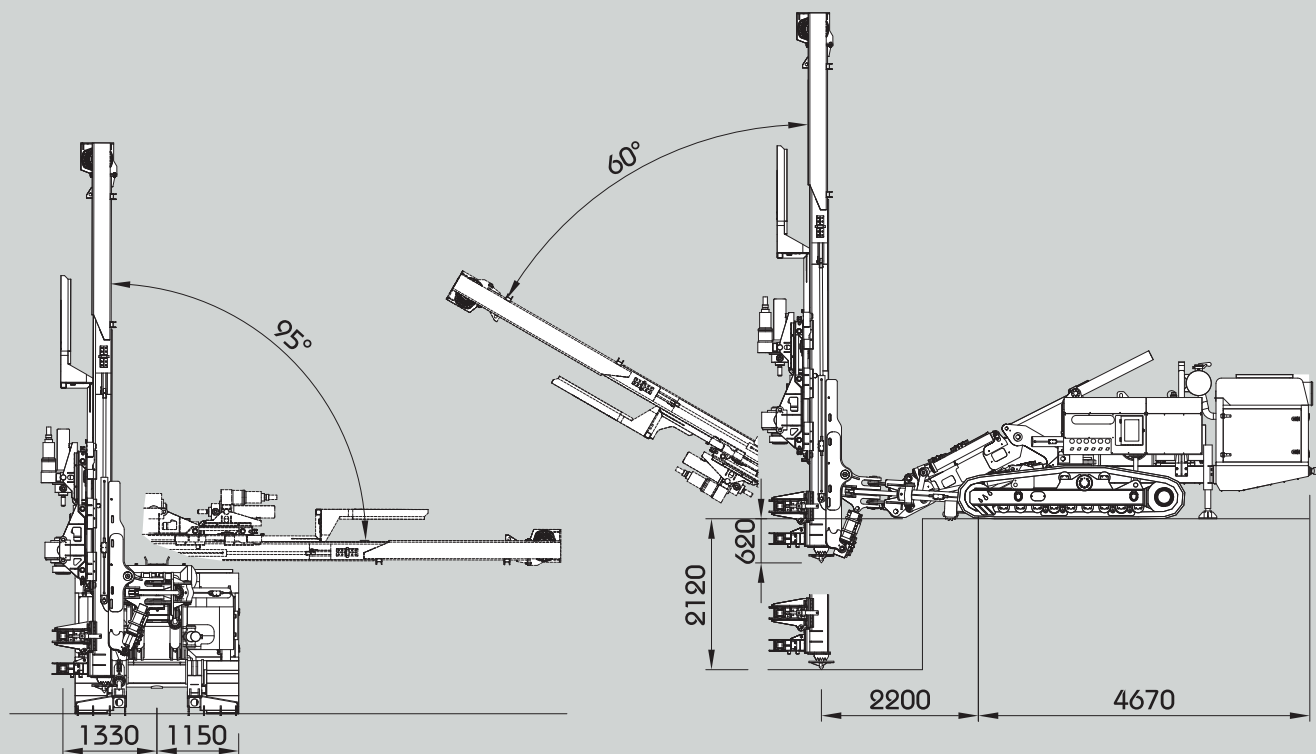
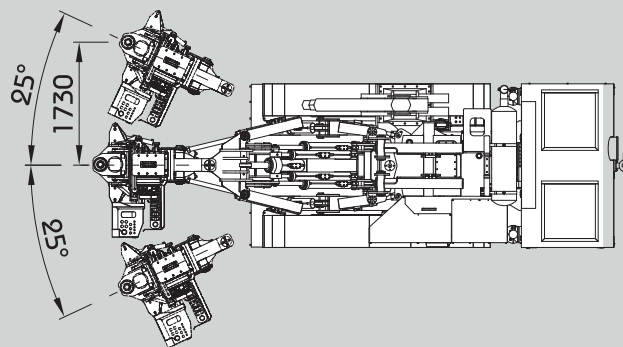
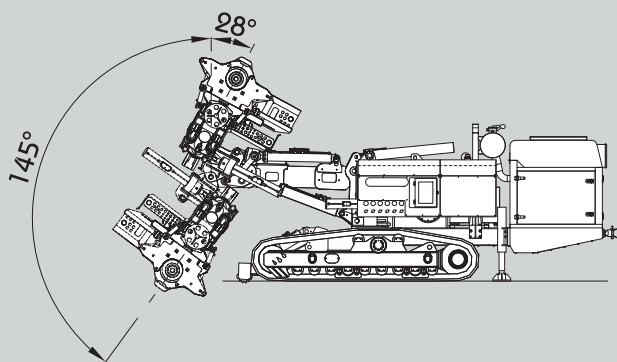
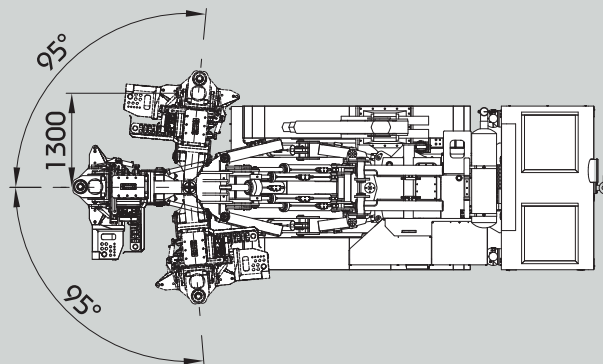
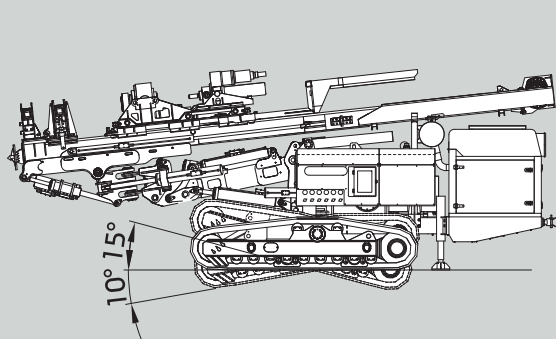
Configurazioni testa singola Single head configurations

- RH 1700
- RH 2100
- RH 3200
- RH 4300
- HD 5012
- HD 8021
- HD 8032
- HB 50A
- HB 60A



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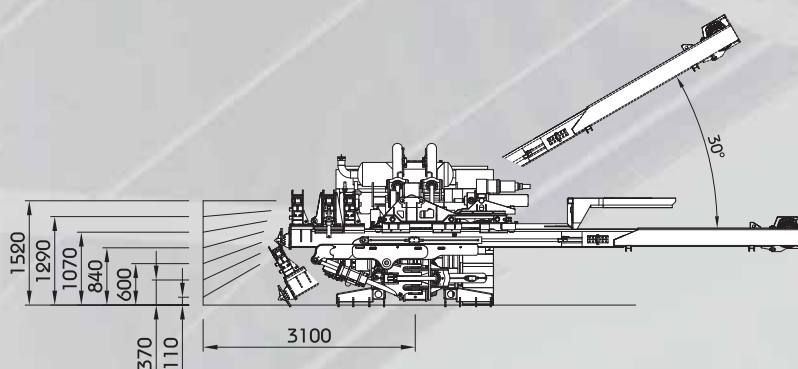
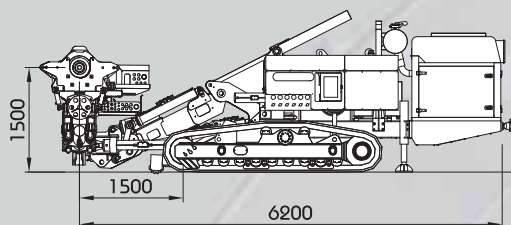
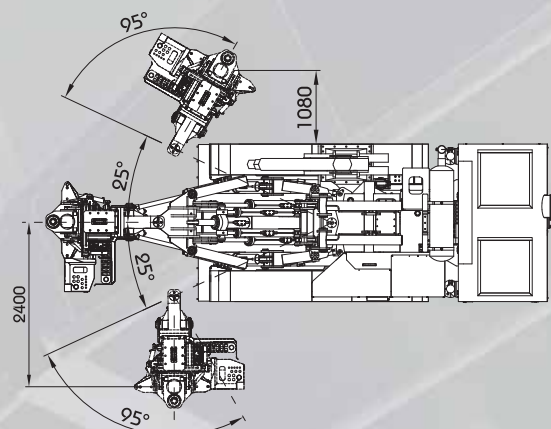
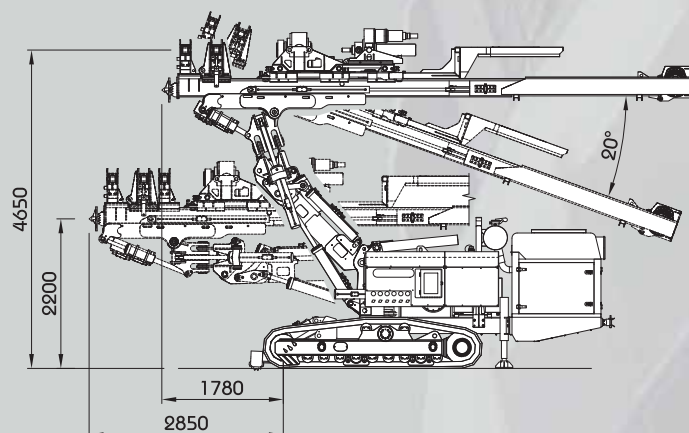
Movimenti Mast - Mast Movements
Cinématique du Bras
Volle Gelenkmöglichkeit





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Movimenti Mast - Mast Movements Cinématique du Bras Volle Gelenkmöglichkeit



I dati tecnici riportati sono indicativi, la COMACCHIO si riserva il diritto di modificarli opportunamente senza preavviso.

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