



COMACCHIO

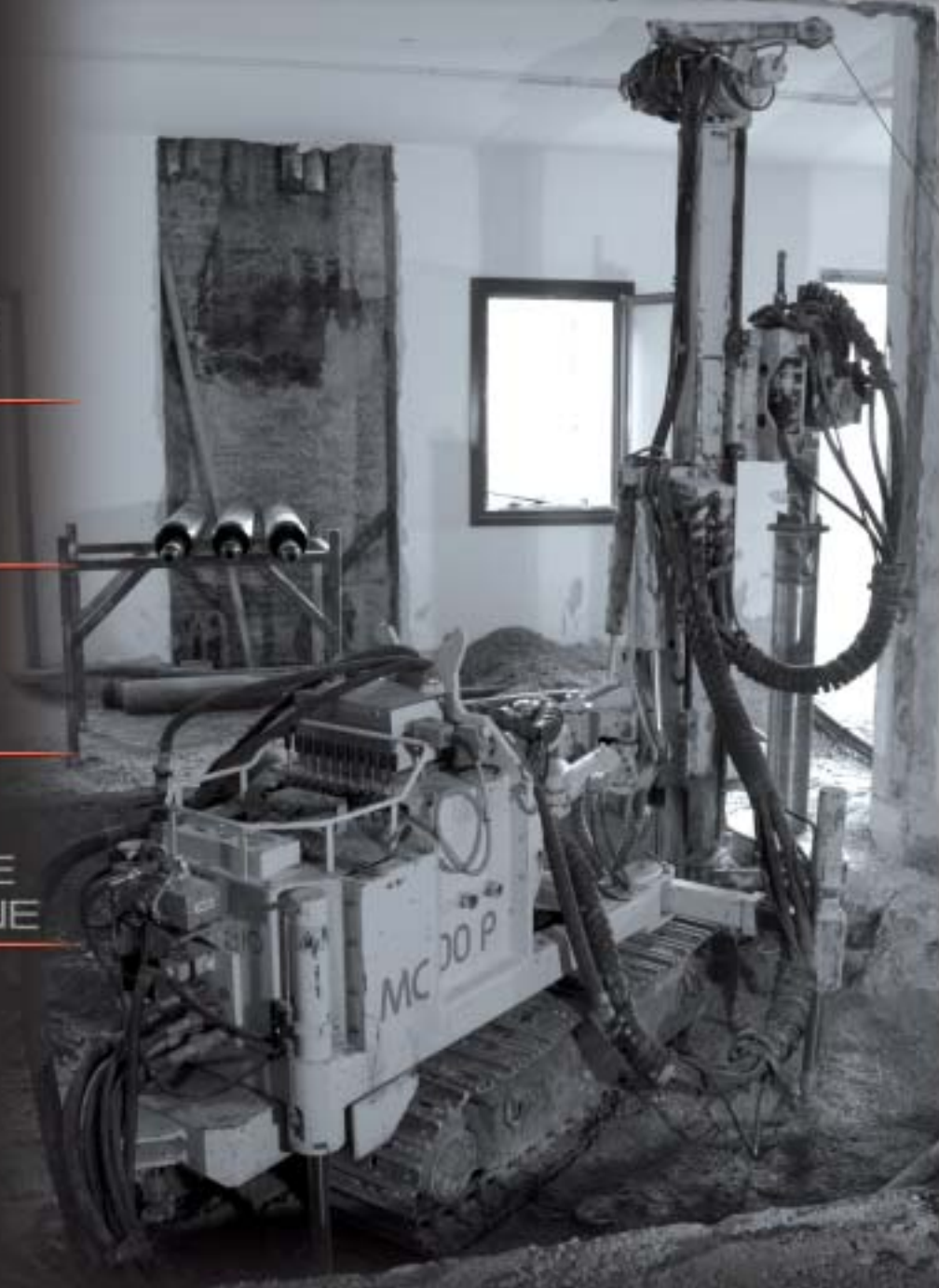
DRILLING HI-TECH

PERFORATRICE
IDRAULICA

HYDRAULIC
DRILL RIG

FOREUSE
HYDRAULIQUE

HYDRAULISCHE
BOHRMASCHINE



MC 400-400P



MC 400 MC 400 P

Perforatrice Idraulica - Hydraulic drill rig
Foreuse Hydraulique
Hydraulische Bohrmaschine



Le **MC 400** e **MC 400P** sono perforatrici idrauliche cingolate con centrale idraulica separata, appositamente studiate per l'esecuzione di opere specializzate di ingegneria civile e geognostica in spazi ristretti e di difficile accesso, all'interno di edifici e su gallerie di piccole dimensioni.

Le macchine sono in grado di operare tutti i sistemi di perforazione del tipo a rotazione e/o rototopercussione, inoltre grazie ai molteplici movimenti ed all'ampia gamma di accessori disponibili sono in grado di affrontare le più svariate tipologie di lavori.



The **MC 400** and **MC 400P** are hydraulic crawler-mounted drill rigs with remote hydraulic power pack, specially designed for specialized works of civil and ground engineering in narrow spaces, inside buildings/cellars and in small tunnels.

The machines are able to operate all rotary and/or rotary percussive drilling systems, and thanks to the multiplicity of movements and to the wide range of accessories available they can face many different types of works.



Les **MC 400** et **MC 400P** sont des foreuses hydrauliques sur chenilles avec groupe hydraulique séparé, expressément étudiées pour la réalisation d'oeuvres spécialisées d'ingénierie civile et géotechnique dans des espaces étroits avec accès difficile, à l'intérieur de bâtiments, caves et galeries de petites dimensions.

Ces machines sont capables d'exécuter tout type de forage à rotation et/ou rototopercussion, et grâce aux différents mouvements et à la gamme d'accessoires disponibles elles peuvent affronter les travaux les plus variés.



Die **MC 400** und **MC 400P** sind hydraulische Raupenbohrgeräte mit separatem Hydraulikaggregat, speziell entwickelt für Bauarbeiten und geologische Aufschlussbohrungen unter räumlich beengten und/oder schwer zugänglichen Verhältnissen, innerhalb von Gebäuden und schmalen Tunneln.

Die Geräte sind für sämtliche Bohrverfahren geeignet (Dreh- und/oder Drehschlagbohren) und sind dank der vielfältigen Bewegungsmöglichkeiten und dem breiten Angebot an Zubehör für viele unterschiedliche Arbeiten einsetzbar.



Carro cingolato	Undercarriage	Chariot chenille	Fahrwerk	A	B	
Passo cingolo	Wheel base	Enpattement	Spurlänge	1.390 mm/5,5 ft		1.390 mm/5,5 ft
Larghezza max.	Max width	Largeur max.	Gesamtbreite	750/1.050 mm/2,5-3,4 ft		850-1.150 mm/2,8-3,8 ft
Larghezza suole	Pad width	Largeur patins	Fussbreite	250 mm/9,8 in		300 mm/11,8 in
Pendenza max.	Max. climbing ability	Pente max.	Steigfähigkeit max.	36 %		
Velocità max.	Max. speed	Vitesse max.	Fahrgeschwindigkeit	1 Km/h 0,62 mph		
Centrale idraulica	Power pack	Groupe hydraulique	Hydraulikaggregat			
Motore diesel	Diesel engine	Moteur diesel	Dieselmotor	DEUTZ TD2011 L04		
Potenza motore	Engine power	Puissance moteur	Antriebsleistung	56 Kw (76 HP)/2.300 rpm		
Pompa principale	Main pump	Pompe principale	Hydraulische Leistung	150 lt./min		39,6 gal/min.
Serbatoio olio	Oil tank	Réservoir huile	Öltank	300 lt.		66 gal
Serbatoio gasolio	Fuel tank	Réservoir diesel	Dieseltank	70 lt.		15,4 gal
Mast	Mast	Mat	Lafette			
Corso utile	Feed stroke	Course utile	Vorschub	900 ÷ 2.100 mm		2,9 ÷ 6,9 ft
Lunghezza totale	Total length	Longueur totale	Gesamtlänge	2.127 ÷ 3.327 mm		6,9 ÷ 10,9 ft
Forza di spinta	Feed force	Poussée	Vorschubkraft	3.000 daN/6,744 lbs		
Forza di tiro	Retract force	Traction	Rückzugskraft	3.000 daN/6,744 lbs		
Testa di rotazione	Rotary head	Tête de rotation	Drehkopf	A	B	C
Marce	Gears	Vitesses	Schaltstufe	2	3	3
Coppia max.	Max torque max.	Couple max.	Drehmoment	720 daNm 5,3 lb*ft	930 daNm 6,85 lb*ft	550 daNm 4,056 lb*ft
Giri max.	Max speed	Vitesse max.	Drehzahl max.	110 rpm	140 rpm	410 rpm
Passaggio girevole	Swivel passage	Passage joint tournant	Spülkopfdurchgang	1" 1/2		
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.	220 mm		8,7 in
Forza di chiusura	Clamping force	Force de serrage	Klemmkraft	180 KN		40,465 lbs
Coppia svitaggio	Breaking torque	Couple de deserrage	Brechvorrichtung	1.500 daNm		11,063 lb*ft
Argano	Winch	Treuil	Seilwinde	A	B	
Tiro max.	Max line pull	Force de levage	max. Zugkraft	500 daN 1,124 lbs	1.000 daN 2,248 lbs	
Capacità fune	Drum capacity	Câble au tambour	Seillänge	36 mt. 118 ft		48 mt. 157 ft
Velocità fune	Rope speed	Vitesse au retrait	Seilgeschwindigkeit	40 mt./min. 130 ft/min		
Diametro fune	Rope diameter	Diamètre du câble	Seildurchmesser	6 mm 0,23 in		8 mm 0,31 in
Ingombri	Dimensions	Dimensions	Aussenabmessungen			
Lunghezza	Length	Longueur	Länge	(*) 3.200 mm		(*) 10,5 ft
Larghezza	Width	Largeur	Breite	(*) 750/850 mm		(*) 2,5/2,8 ft
Altezza	Height	Hauteur	Höhe	(*) 2.300 mm		(*) 7,5 ft
Peso	Weight	Poids	Gewicht	(*) 4.000 ÷ 4.500 kg		(*) 6,500 ÷ 7,300 lbs

(*) Perforatrice - Drill unit - Foreuse - Bohrmaschine





MC 400 P

Dati Tecnici - Technical Data Caractéristiques Techniques Technische Daten

Carro cingolato	Undercarriage	Chariot chenille	Fahrwerk	A	B	
Passo cingolo	Wheel base	Enpattement	Spurlänge	1.390 mm/5,5 ft		1.390 mm/5,5 ft
Larghezza max.	Max width	Largeur max.	Gesamtbreite	750-1.050 mm/2,5-3,4 ft		850-1.150 mm/2,8-3,8 ft
Larghezza suole	Pad width	Langeur patins	Fussbreite	250 mm/9,8 in		300 mm/11,8 in
Pendenza max.	Max. climbing ability	Pente max.	Steigfähigkeit max.	36 %		
Velocità max.	Max. speed	Vitesse max.	Fahrgeschwindigkeit	1 Km/h 0,62 mph		
Centrale idraulica	Power pack	Groupe hydraulique	Hydraulikaggregat			
Motore diesel	Diesel engine	Moteur diesel	Dieselmotor	JOHN DEERE POWERTECH D4045T		
Potenza motore	Engine power	Puissance moteur	Antriebsleistung	86 Kw (115 HP)/2.500 rpm		
Pompa principale	Main pump	Pompe principale	Hydraulische Leistung	150 lt/min		39,6 gal/min.
Serbatoio olio	Oil tank	Réservoir huile	Öltank	300 lt.		66,0 gal
Serbatoio gasolio	Fuel tank	Réservoir diesel	Dieseltank	90 lt.		23,7 gal
Mast	Mast	Mat	Lafette			
Corsa utile	Feed stroke	Course utile	Vorschub	900 ÷ 2100 mm		2,9 ÷ 6,9 ft
Lunghezza totale	Total length	Longueur totale	Gesamtlänge	2.127 ÷ 3.327 mm		6,9 ÷ 10,9 ft
Forza di spinta	Feed force	Poussée	Vorschubkraft	3.000 daN/6,744 lbs		
Forza di tiro	Retract force	Traction	Rückzugskraft	3.000 daN/6,744 lbs		
Testa di rotazione	Rotary head	Tête de rotation	Drehkopf	A	B	C
Marce	Gears	Vitesses	Schaltstufe	2	3	3
Coppia max.	Max torque max,	Couple max.	Drehmoment	720 daNm 5,3 lb*ft	930 daNm 6,85 lb*ft	750 daNm 5,531 lb*ft
Giri max.	Max speed	Vitesse max.	Drehzahl max.	140 rpm	200 rpm	410 rpm
Passaggio girevole	Swivel passage	Passage joint tournant	Spülkopfdurchgang	1" 1/2		
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.	220 mm		8,7 in
Forza di chiusura	Clamping force	Force de serrage	Klemmkraft	180 KN		40,465 lbs
Coppia svitaggio	Breaking torque	Couple de deserrage	Brechvorrichtung	1.500 daNm		11,063 lb*ft
Argano	Winch	Treuil	Seilwinde	A	B	
Tiro max.	Max line pull	Force de levage	max, Zugkraft	500 daN 1,124 lbs	1.000 daN 2,248 lbs	
Capacità fune	Drum capacity	Câble au tambour	Seillänge	36 mt. 118 ft		48 mt. 157 ft
Velocità fune	Rope speed	Vitesse au retrait	Seilgeschwindigkeit	40 mt./min. 130 ft/min		
Diametro fune	Rope diameter	Diamètre du câble	Seildurchmesser	6 mm 0,23 in		8 mm 0,31 in
Ingombri	Dimensions	Dimensions	Aussenabmessungen			
Lunghezza	Length	Longueur	Länge	(*) 3.200 mm		(*) 10,5 ft
Larghezza	Width	Largeur	Breite	(*) 750/850 mm		(*) 2,5/2,8 ft
Altezza	Height	Hauteur	Höhe	(*) 2.300 mm		(*) 7,5 ft
Peso	Weight	Poids	Gewicht	(*) 4.000 ÷ 4.500 kg		(*) 6,500 ÷ 7,300 lbs

(*) Perforatrice - Drill unit - Foreuse - Bohrmaschine





MC 400 - 400 P

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

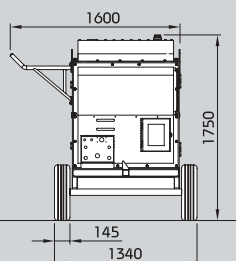
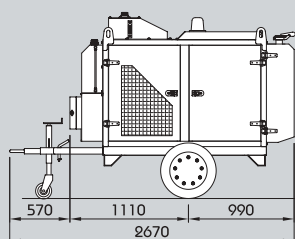
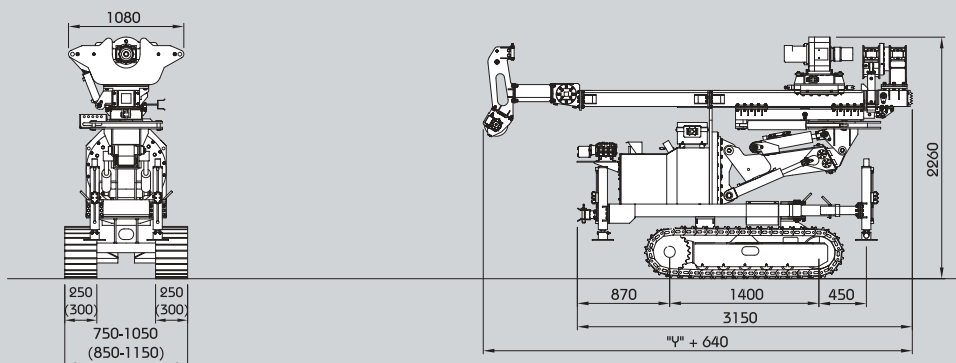
Morsa doppia	Double clamp	Groupe mors double	Doppelklemme	Ø 220 mm	Ø 8,7 in
Morsa semplice	Single clamp	Mors simple	Einfachklemme	Ø 220 mm	Ø 8,7 in
Martinetto svitatore	Breakout cylinder	Piston dévisseur avec clef	Brechzylinder		
Mandrino idraulico	Hydraulic chuck	Chuck hydraulique	Hydraulischer Klemmkopf	Ø 76 mm	Ø 3 in
Argani speciali	Special winches	Treuiis spéciaux	Spezielle Winden		
Mast speciali	Special masts	Mâts de forage spéciaux	Mast-Sonderausführungen		
Timer per jet grouting	Timer for jet grouting	Temporisateur pour jet grouting	Schnittsteuerung für HDBV		
Pompa schiumogeno	Foam pump	Pompe à mousse	Schaumpumpe	20 lt/min	5,3 gal/min
Lubrificatore di linea	D.T.H. lubricator	Graisseur de ligne	Linien-Öler	8,5 lt	2,2 gal
Centrale cingolata	Power pack on crawler	Groupe hydraulique chenillée	Hydraulikaggregat auf Raupe		
Centrale elettrica	Electric power pack	Groupe électrique	Hydraulikaggregat mit E-Antrieb		
Radiocomando	Remote radio control	Radiocommande	Funkfernsteuerung		
Mast telescopico	Telescopic mast	Mât télescopique	Teleskopischer Mast		





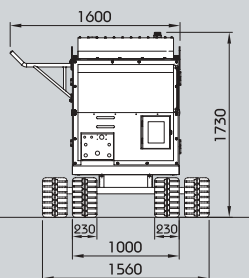
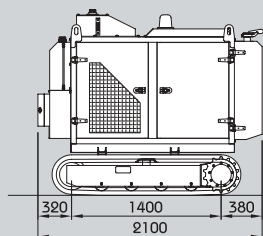
MC 400 MC 400 P

Dimensioni di ingombro
Overall dimensions
Dimensions - Aussenabmessungen

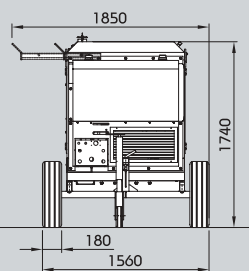
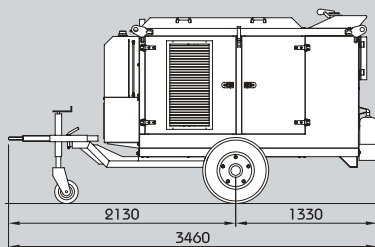


Peso: 1600 kg

MC 400

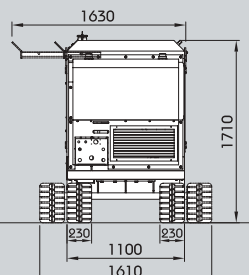
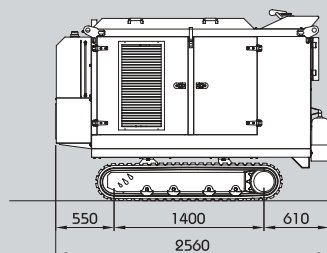


Peso: 1900 + 2100 kg



Peso: 2000 kg

MC 400 P



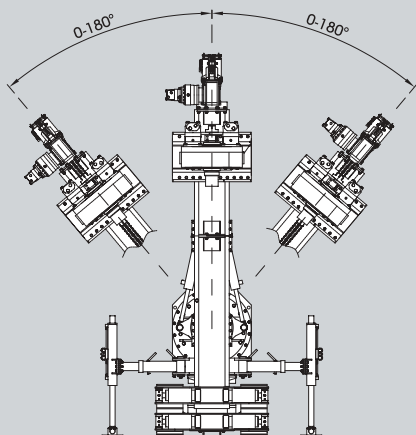
Peso: 2300 + 2500 kg



MC 400

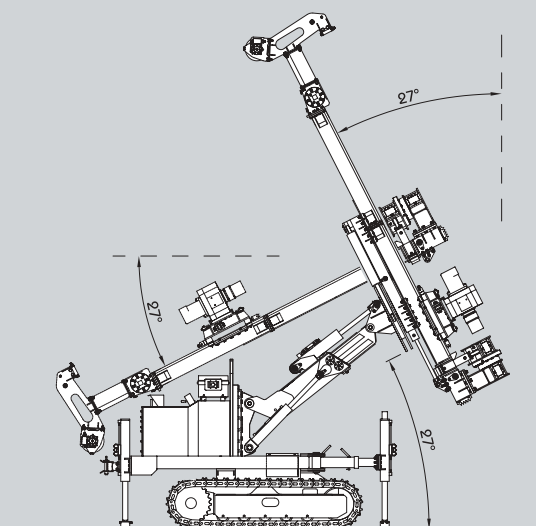
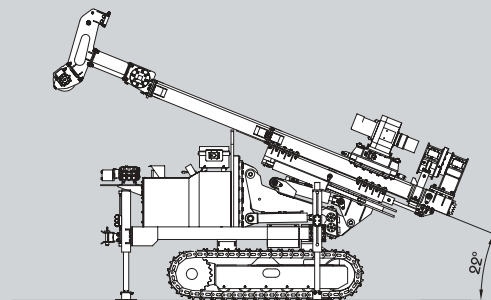
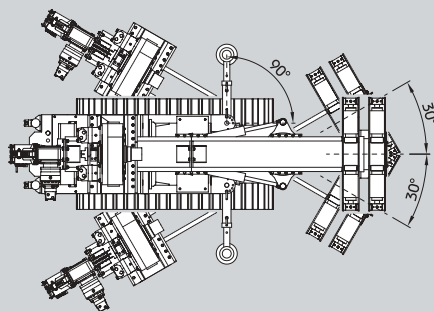
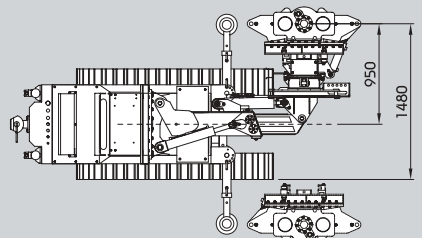
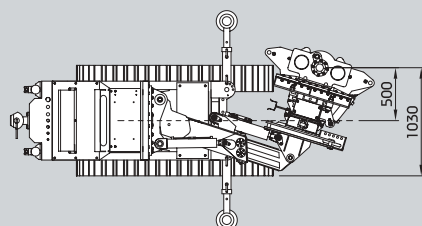
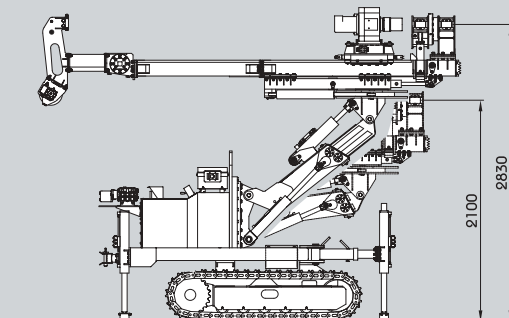
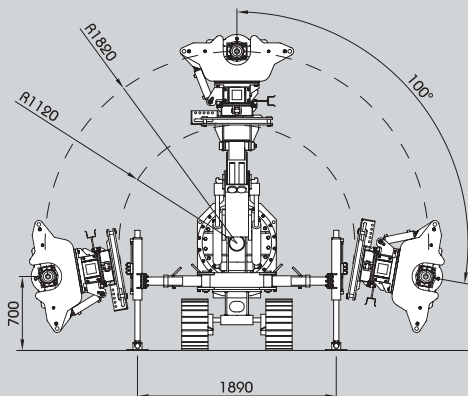
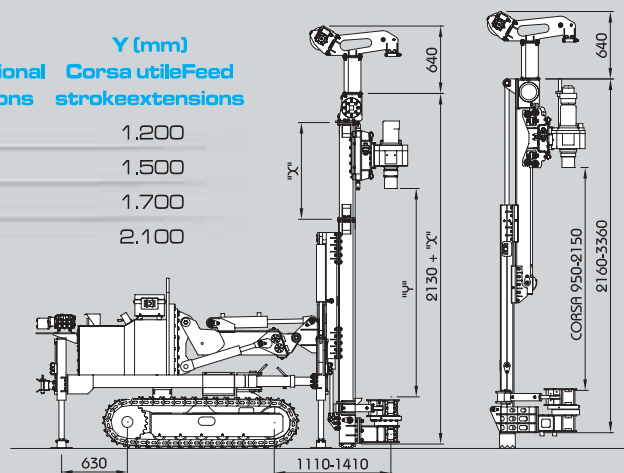
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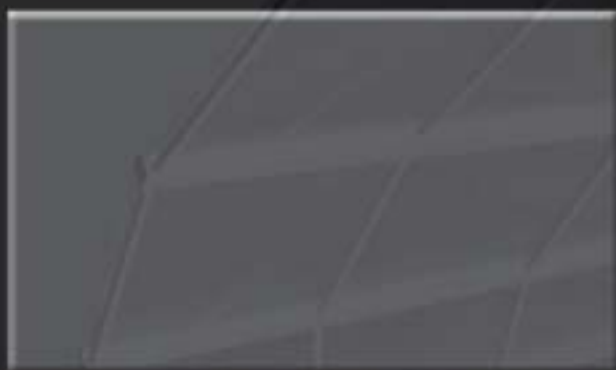
Movimenti Mast - Mast Movements
Cinématique du Bras
Volle Gelenkmöglichkeit



X (mm) Y (mm)
Prolungha Optional Corsa utileFeed
Mast extensions strokeextensions

300	1.200
600	1.500
800	1.700
1.200	2.100





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

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