

MR-C 30

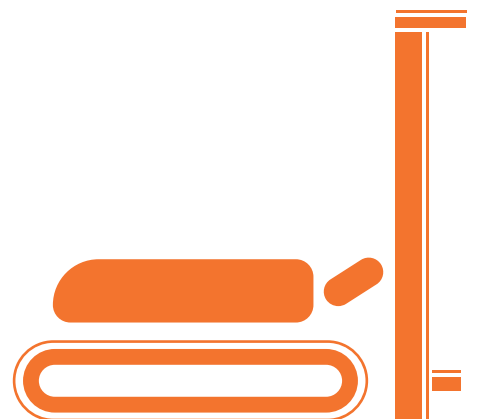
MR-C LINE
CRAWLER DRILL RIG



MARINI

MR-C 30

MR-C LINE
CRAWLER DRILL RIG



/ Working to grow together

MR-C 30

MR-C



COMPONENTISTICA COMPONENTS

Marini Srl si distingue per l'uso di componenti di altissima qualità, selezionati accuratamente per garantire prestazioni superiori. La scelta delle migliori materie prime e dei prodotti finiti di eccellenza assicura una maggiore durabilità dei macchinari, riducendo i guasti e i tempi di fermo.

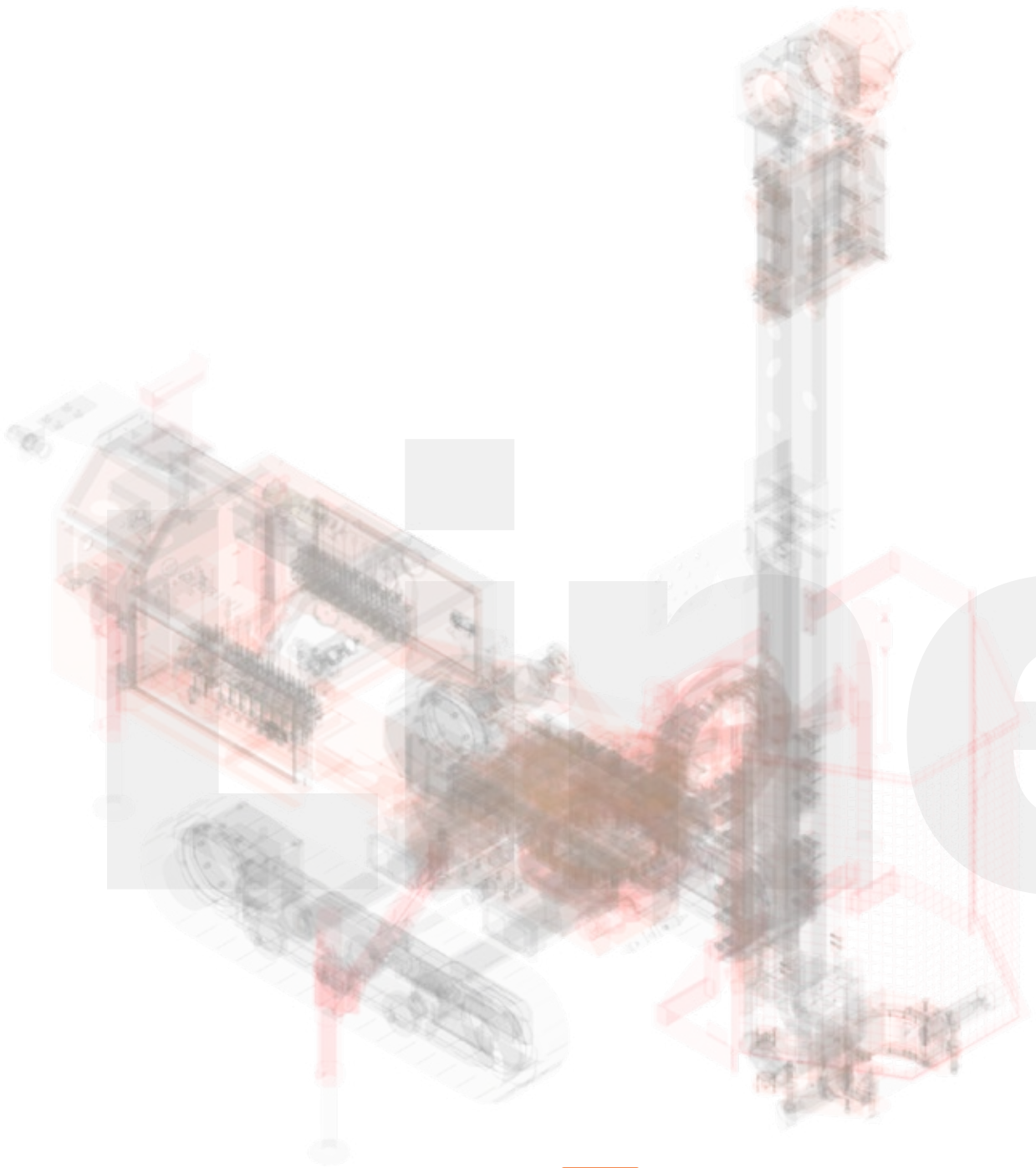
Marini Srl stands out for using top-quality components, carefully selected to ensure superior performance. The choice of the finest raw materials and finished products guarantees a longer lifespan for machinery, reducing breakdowns and downtime.



SOSTENIBILITÀ SUSTAINABILITY

Marini Srl si impegna a produrre macchine da perforazione all'avanguardia, con un forte focus sulla sostenibilità ambientale. Ogni macchina è progettata per ridurre al minimo l'impatto ecologico, utilizzando tecnologie che ottimizzano il consumo energetico e riducono le emissioni.

Marini Srl is dedicated to producing cutting-edge drilling machines with a strong focus on environmental sustainability. Each machine is designed to minimize ecological impact, utilizing technologies that optimize energy consumption and reduce emissions.



OPERATIVITÀ OPERATION

Le perforatrici Marini sono progettate per garantire un'operatività intuitiva e semplice. Grazie a un'interfaccia user-friendly e a soluzioni tecniche innovative, rende le nostre macchine ideali per i cantieri di tutto il mondo, dove l'efficienza e la facilità d'uso sono fondamentali per ottenere risultati rapidi e di alta qualità.

Marini drilling machines are designed to ensure intuitive and simple operation. Thanks to a user-friendly interface and innovative technical solutions, our machines are ideal for construction sites around the world, where efficiency and ease of use are essential for achieving fast, high-quality results.



AFFIDABILITÀ RELIABILITY

Le perforatrici Marini sono sinonimo di affidabilità e durata nel tempo. Ogni macchina è progettata per resistere alle condizioni più impegnative, garantendo prestazioni elevate anche nei cantieri più difficili. Offriamo un eccellente servizio di ricambi e assistenza tecnica, assicurando che ogni componente sia disponibile tempestivamente.

Marini drilling machines are synonymous with reliability and long-lasting performance. Each machine is designed to withstand the toughest conditions, ensuring high performance even in the most demanding construction sites. We offer an excellent spare parts and technical support service, ensuring that every component is promptly available.



MR-C 30



ITA

Perforatrice idraulica cingolata

La **MR-C 30** è un'unità da perforazione cingolata con centralina separata, progettata per l'esecuzione di micropali e sondaggi all'interno di edifici esistenti o in aree con accesso limitato. Grazie al suo design compatto e al sistema di gestione idraulico con LS (Load Sensing) elettronico, la centrale idraulica può essere posizionata fino a 70 m / 200 ft di distanza dalla perforatrice, offrendo una grande flessibilità operativa. Disponibile in 4 motorizzazioni diverse, la MR-C 30 rappresenta la soluzione ideale quando si cercano affidabilità, compattezza e versatilità.

ENG

Hydraulic crawler drill rig

The **MR-C 30** is a crawler drilling rig with a separate power pack, designed for micropile installation and drilling in existing buildings or areas with limited access. Thanks to its compact design and hydraulic management system with electronic LS (Load Sensing), the hydraulic power pack can be positioned up to 70 m / 200 ft away from the drill, providing great operational flexibility. Available in 4 different engine configurations, the MR-C 30 is the ideal solution when reliability, compactness, and versatility are required.

MR-C 20 P



MR-C 35



MR-C 50



ELECTRIC
MOTOR



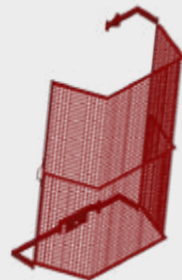
WATER
PUMP



MR-C Line

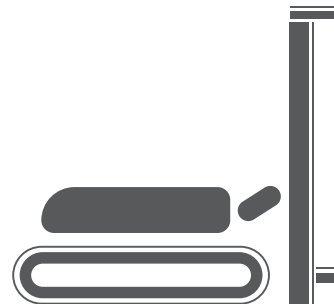


CE
SAFETY
CAGE



/ Working to grow together

MR-C 30



OPTIONS



Carrello apribile idraulico
Hydraulic head side shift



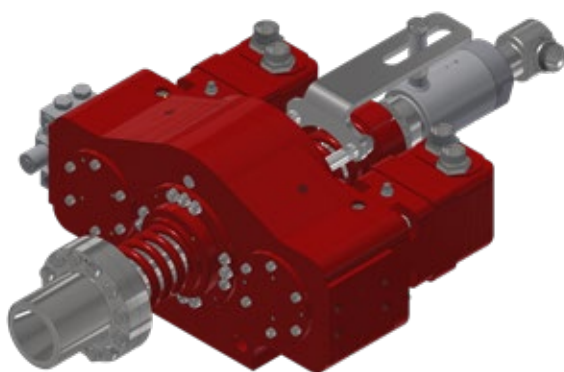
Radiocomando centrale idraulica
Power pack remote control



Motore diesel o elettrico
Diesel or electric motor



Predisposizione jet grouting
Jet grouting predisposition



TESTA DI ROTAZIONE
ROTARY HEAD



ZOOM 250 mm



CENTRALE IDRAULICA 75 HP
HYDRAULIC POWER PACK 75 HP



CENTRALE IDRAULICA 40/45 HP
HYDRAULIC POWER PACK 40/45 HP

PERFORATORE
DRIFTER

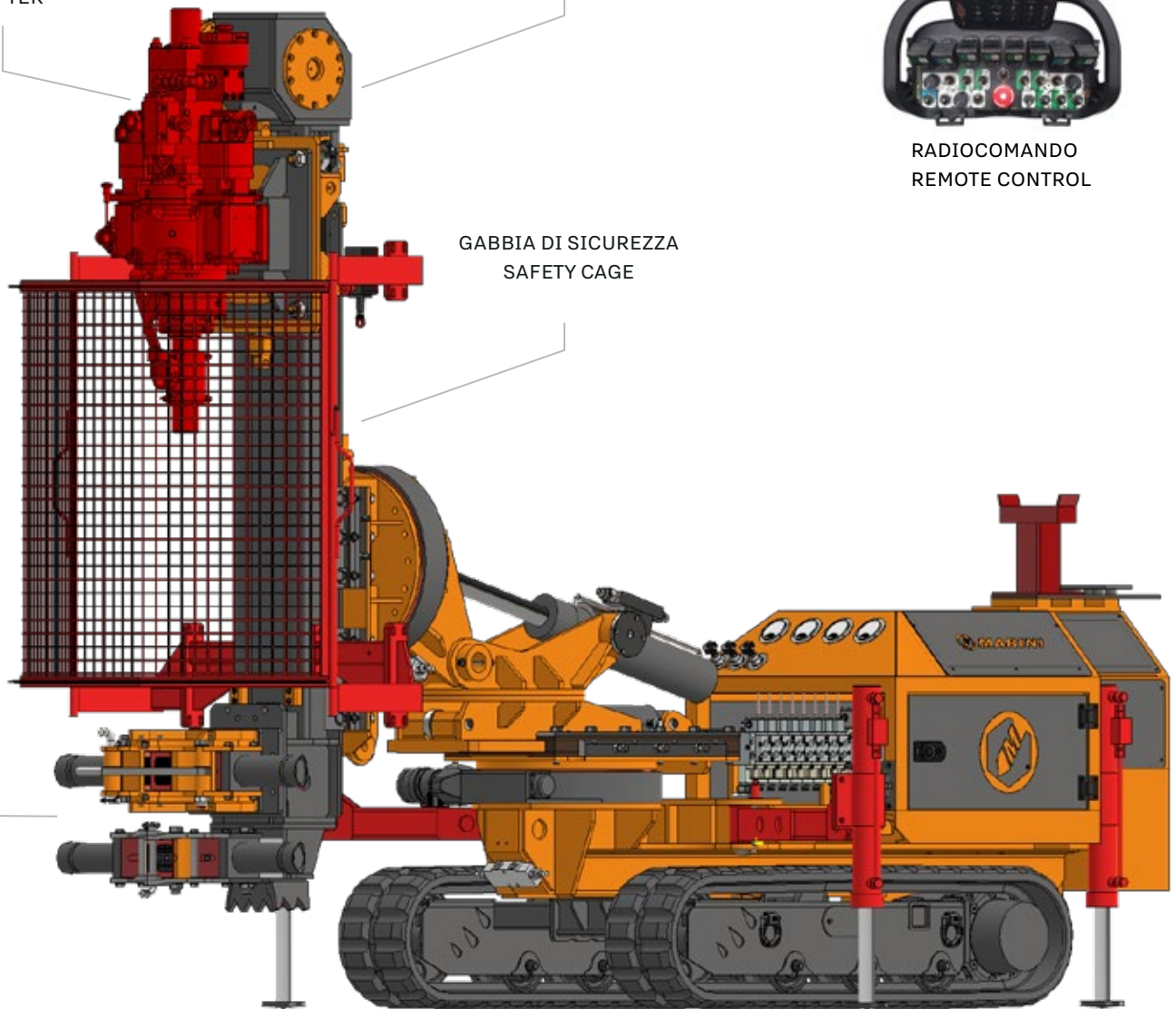
MAST CID 250



RADIOCOMANDO
REMOTE CONTROL

GABBIA DI SICUREZZA
SAFETY CAGE

MORSE
CLAMPS



STABILIZZATORI IDRAULICI
HYDRAULIC STABILIZERS

/ MR-C Line

MR-C 30

CARRO CINGOLATO UNDERCARRIAGE	CHARIOT CHENILLE FAHRWARK		
Passo cingolo Wheel base	Enpattement Fahrwerk	1080 mm (3.54 ft)	
Careggiata variabile Variable track	Standbreite verstellbar Voie variable	750 / 1150 mm (2.46 / 3.77 ft)	
Larghezza suole Pad width	Langeur patins Fussbreite	230 mm (0.75 ft)	
Pendenza max. Max. climbing ability	Pente max. Steigfähigkeit max.	80%	
Velocità max. Max. speed	Vitesse max. Fahrgeschwindigkeit	2 Km/h (1.25 mph)	
CENTRALE IDRAULICA POWER PACK	GROUPE HYDRAULIQUE HYDRAULIKAGGREGAT	YANMAR	KOHLER
Motore Diesel Diesel Engine	Moteur diesel Dieselmotor	Yanmar 3TNV86CT-DKEV	Kohler KDI 2504 TCR
Potenza motore Engine Power	Puissance moteur Antriebsleistung	33kW (44 Hp) @3000 rpm	55kW (75 Hp) @2900 rpm
Pompa principale Main pump	Pompe principale Hydraulische Leistung	90 lpm @ 200 bar (23.7 gal/min @2900 psi)	160 lpm @ 200 bar (42.26 gal/min @2900 psi)
Serbatoio olio Oil tank	Réservoir huile Oiltank	100 Litri (26.4 gal)	200 Litri (52.83 gal)
Serbatoio Gasolio Fuel Tank	Réservoir diesel Diesel tank	40 Litri (10.57 gal)	100 Litri (26.42 gal)
Consumo carburante Fuel consumption	Consommation de carburant Kraftstoffverbrauch	3,5 l/h (0,9 gal/h)	5 l/h (1.31 gal/h)
Raffreddamento Cooling	Kühlung Refroidissement	Scambiatore aria olio separato - Separate oil air exchanger Luftaustauscher / Ölabscheider / échangeur	
CENTRALE IDRAULICA POWER PACK	GROUPE HYDRAULIQUE HYDRAULIKAGGREGAT	ELECTRIC 40 HP	ELECTRIC 75 HP
Potenza motore Engine Power	Puissance moteur Antriebsleistung	30kW (40 Hp) @2900 rpm	55KW (75 Hp) @ 3000 rpm
Pompa principale Main pump	Pompe principale Hydraulische Leistung	90 lpm @ 200 bar (23.7 gal/ min @2900 psi)	160 lpm @ 200 bar (42.26 gal/min @2900 psi) OPTION 190 lpm @ 200 bar (50.19 gal/min @ 2900 psi)
Serbatoio olio Oil tank	Réservoir huile Oiltank	100 Litri (26.4 gal)	200 Litri (52.83 gal)
Motore Benzina Gasoline Engine	Moteur à essence Benzinmotor	Honda 23Hp	Honda 23Hp
Raffreddamento Cooling	Kühlung Refroidissement	Scambiatore aria olio separato - Separate oil air exchanger Luftaustauscher / Ölabscheider / échangeur	



MR-C 30

MAST MAST	MAT LAFETTE	CID 250	
Corsa utile (Modulare) Feed stroke (Modular)	Course utile (Modulaire) Vorschub (Modularer)	1.200 - 1.700 - 2.200 mm (*) / 3.93 - 5.57 - 7.21 ft (*)	
Lunghezza totale Total length	Longueur totale Gesamtlänge	2.585* - 3.085 - 3.585 mm (*) / 8.48 - 10.12 - 11.76 ft(*)	
Forza di spinta Feed force	Poussée Vorschubkraft	3500 daN / 7868 lbf	
Forza di tiro Retract force	Traction Rückzugskraft	3500 daN / 7868 lbf	
TESTE DI ROTAZIONE ROTARY HEAD	TÊTE DE ROTATION DREHKOPF	ID 500	ID 800
Coppia max. Max. torque	Couple max. Drehmoment max.	500/250 daNm (3688 / 1844 ft*lb)	1000 / 500 daNm (7375 / 3687 ft*lb)
Giri max. Max. speed	Vitesse max. Drehzahl max.	40/80 rpm	45/90 rpm
Marce Gears	Vitesses Gänge	2	2
Passaggio testa Head passage	Passege de la tête Drehkopfdurchgang	1 "1/4	1 "1/2
TESTE DI ROTAZIONE ROTARY HEAD	TÊTE DE ROTATION DREHKOPF	ID CD SPECIAL CAROTAGGIO / CORING / CAROTTAGE / ENTKERNUNGS	
Coppia max. Max. torque	Couple max. Drehmoment max.	26 daNm / 191.8 ft*lb	
Giri max. Max. speed	Vitesse max. Drehzahl max.	600 rpm	
Marce Gears	Vitesses Gänge	1	
Passaggio testa Head passage	Passege de la tête Drehkopfdurchgang	1"	
PERFORATORE ROCK DRILL	PERFORATEUR BOHRER	MA 100 S 2 ID	MA 500 2 ID (75 HP power pack)
Coppia max. Max. torque	Couple max. Drehmoment max.	200 daNm / 1747 ft*lb	500 / 250 daNm (3688 / 1844 ft*lb)
Giri max. Max. speed	Vitesse max. Drehzahl max.	50 / 100 rpm	40 / 80 rpm
Forza di battuta Impact energy	Force de frappe Einzelschlagenergie	180 Nm / 133 lbf	320 Nm / 237 lbf
Frequenza di battuta Impact frequency	Fréquence de frappe Schlagfrequenz	2800 cpm	2100 ÷ 2300 cpm
Aste filettate ed auto perforanti Threaded and self-anchoring rods	Barres filetées et autoforeuses Gewindestangen und Bohrschrauben	R25/R32/R38/R51/ ISCHEBECK TITAN 30/40/52 / C90-R51	

/ MR-C Line

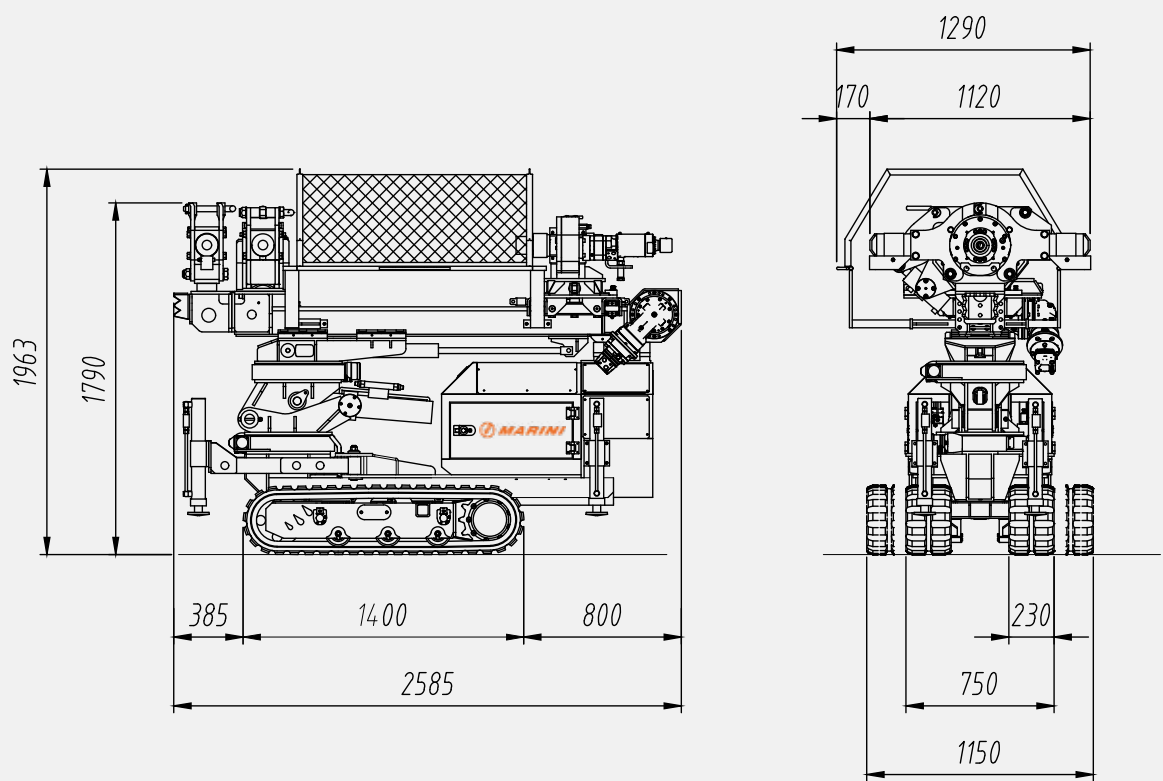
MR-C 30

MORSE CLAMPS	MORS KLEMM	MOD: 70/188	MOD: 70/230
Diametro min. / max presa Clamping range	Tige diamètre min. / max Durchmesser min. / max	Ø 25 / 188 mm (0.98 / 7.40 in)	Ø 25 / 230 mm (0.98 / 9 in)
Forza di chiusura Clamping force	Force de serrage Klemmkraft	7500 daN @220 bar (16540 lbf @ 3191 psi)	18000 daN @220 bar (40465 lbf @ 3190 psi)
Coppia svitaggio Breaking torque	Couple de deserrage Breachmoment	1500 daNm / 11063 ft*lb	4000 daNm / 28933 ft*lb
ARGANO IDRAULICO HYDRAULIC WINCH	TREUIL HYDRAULIQUE HYDR. SEILWINDE	MOD: 500	
Tiro max. Max. pull	Max. Zugkraft Traction maxi	500 daN / 1100 lbf	
Lunghezza fune Rope length	Seillänge Longueur du câble	20 mt. (*) / 66 ft (*)	
Diametro filo Rope diameter	Seildurchmesser Diamètre du fil	6 mm / 0.23 in	
POMPA SCHIUMOGENO FOAM PUMP	POMPE À MOUSSE SCHAUMPUMPE		
Pressione esercizio Working pressure	Pression de travail Arbeitsdruck	100 bar (1450 psi)	
Portata Flow	Flux Fließen	15 lpm (3.96 gal/min)	

(*) dimensioni variabili su richiesta / dimension variable on request/ dimensions variables sur demande/ variable abmessungen auf anfrage

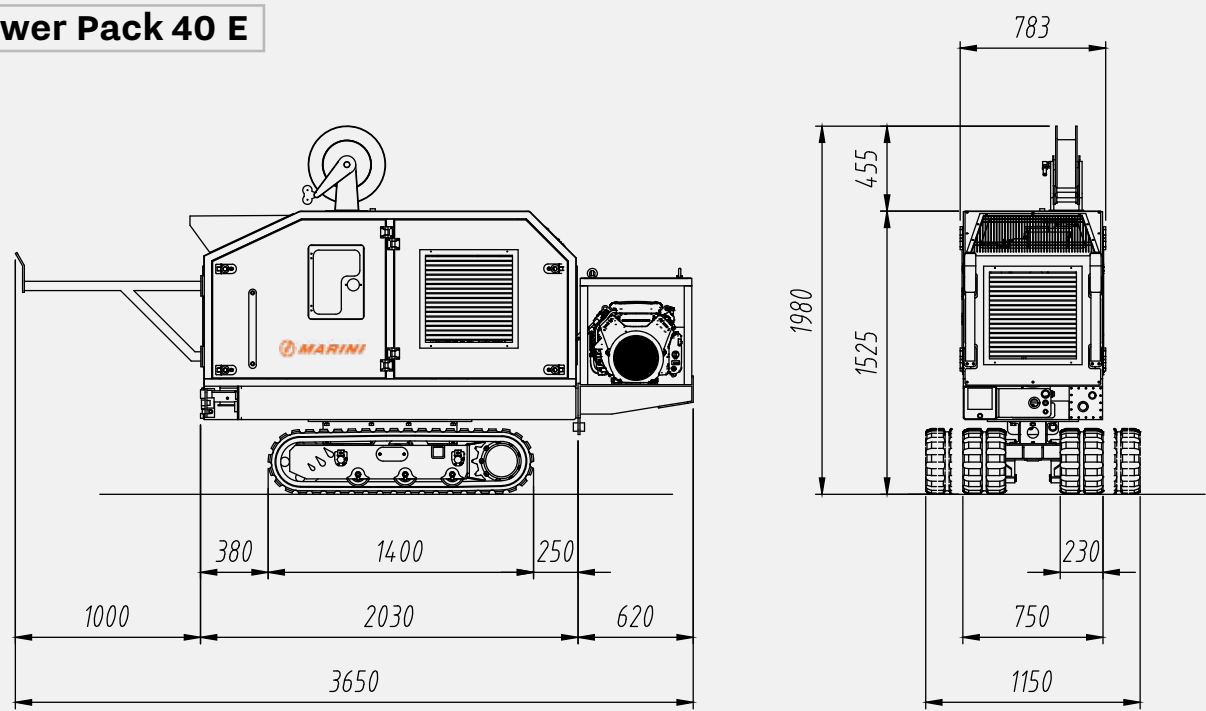


DIMENSIONS



POWER PACKS

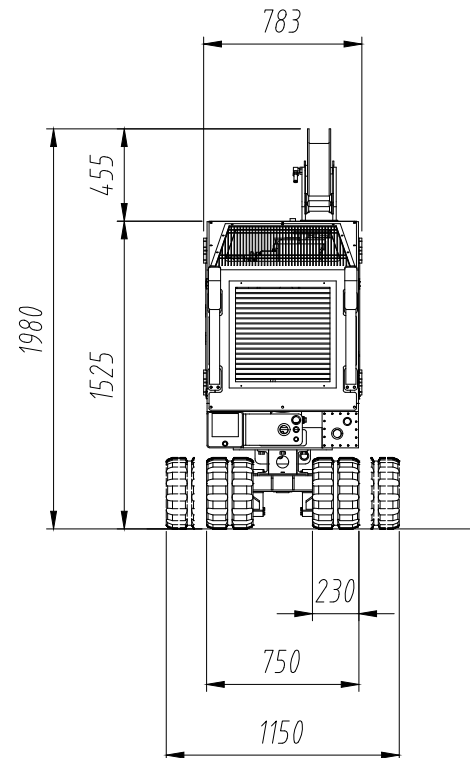
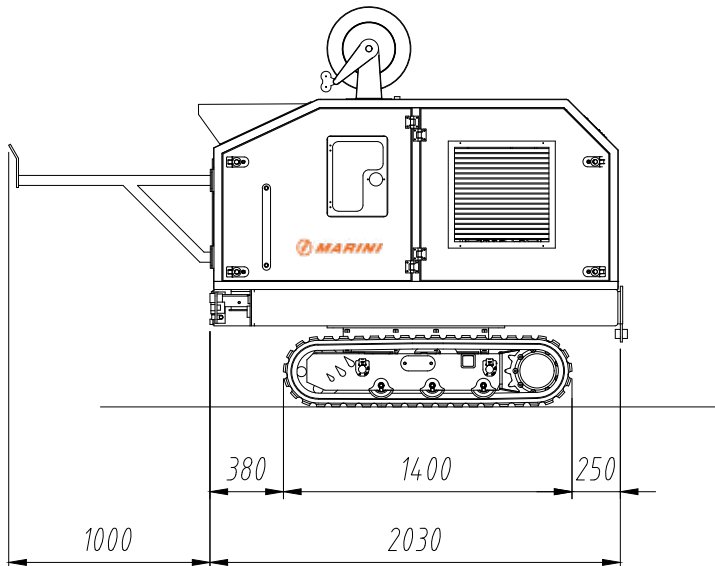
Power Pack 40 E



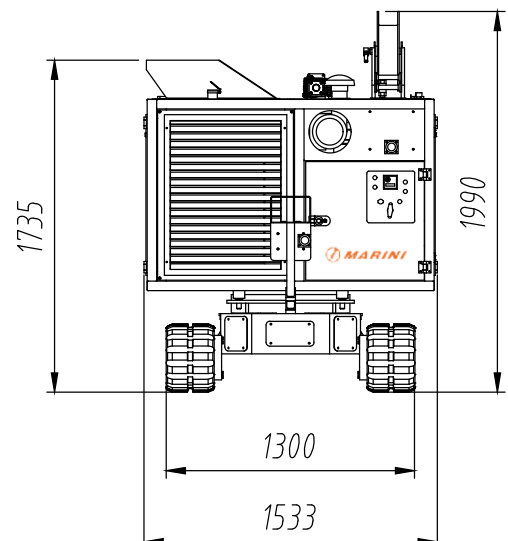
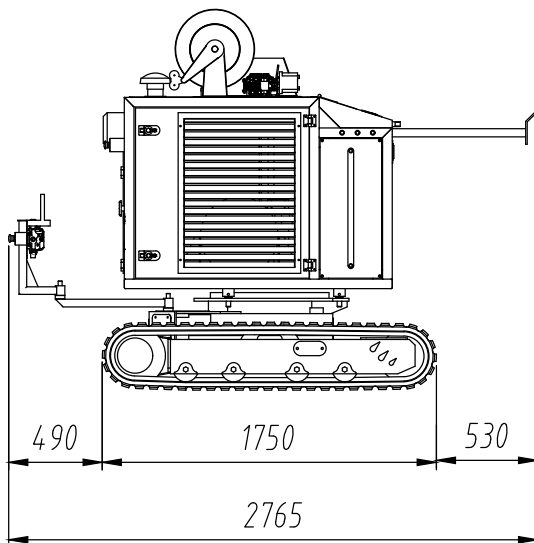
(*) Dimensioni variabili in base all'allestimento / Dimensions may vary according to the setup / Dimensions variables en fonction de l'agencement

KINEMATICS

Power Pack 45 D

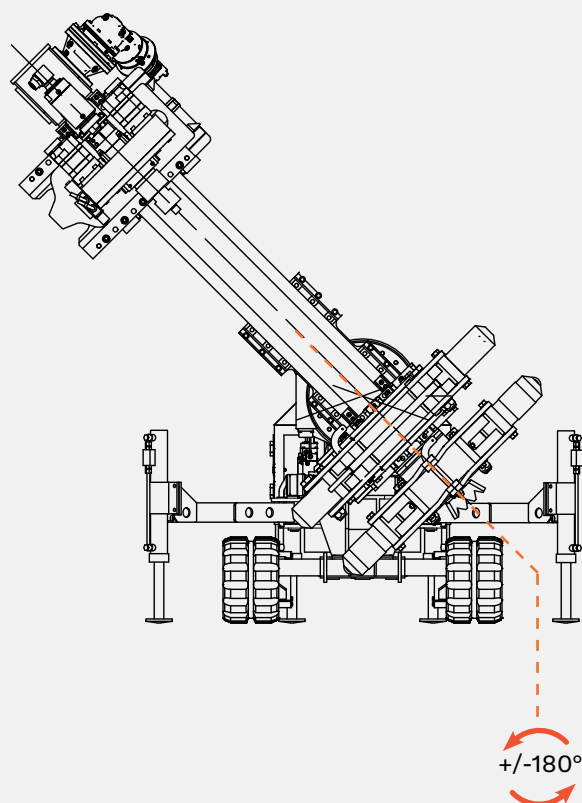
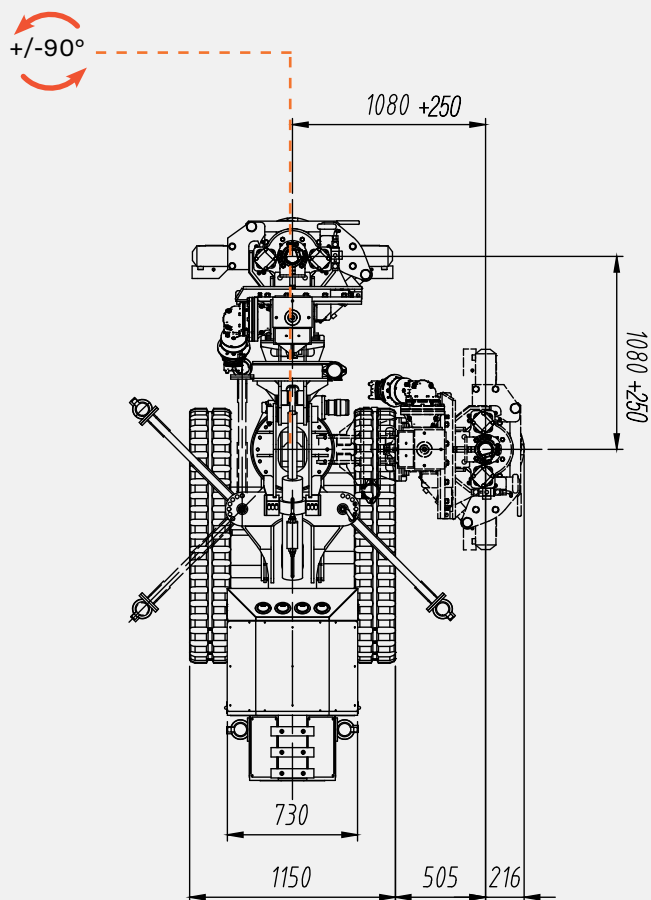
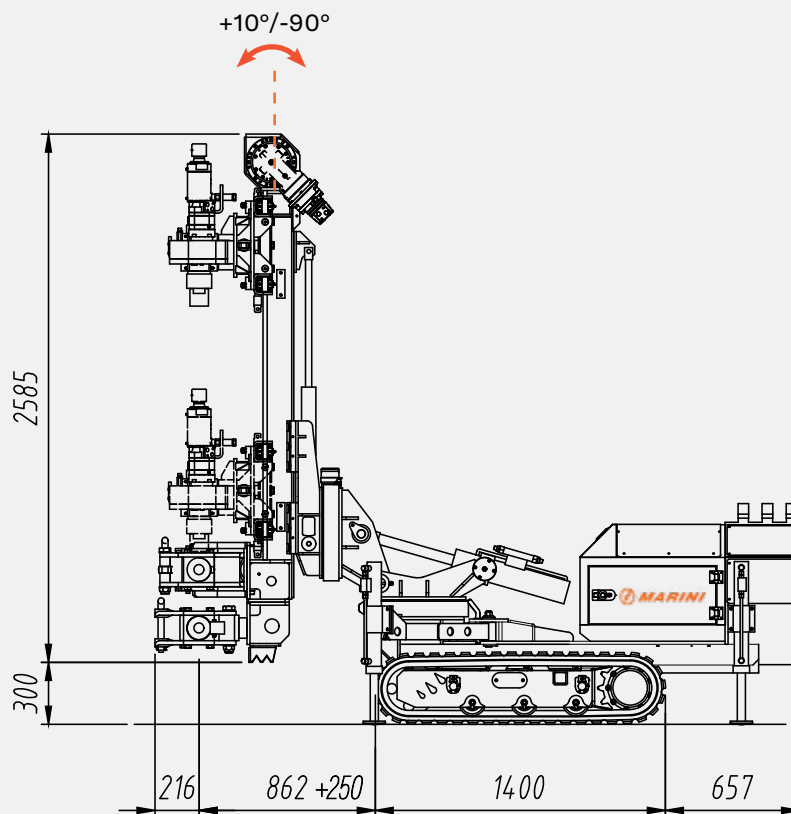


Power Pack 75 D / 75 E

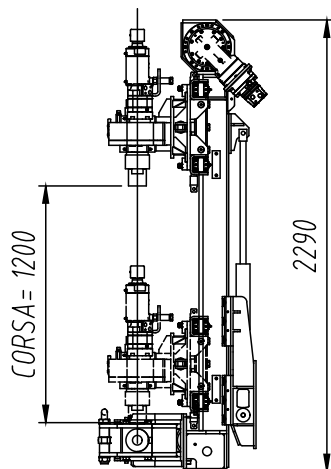


(*) Dimensioni variabili in base all'allestimento / Dimensions may vary according to the setup / Dimensions variables en fonction de l'agencement

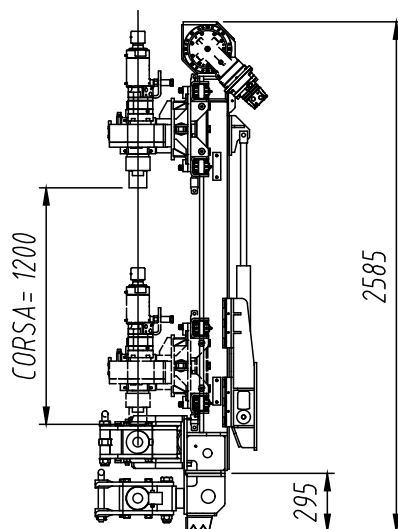
KINEMATICS



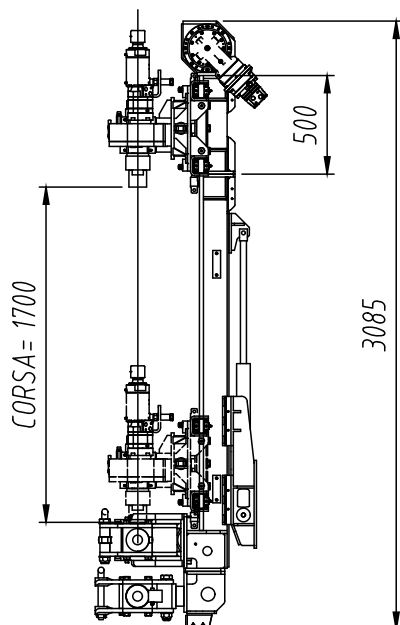
MAST DIMENSIONS



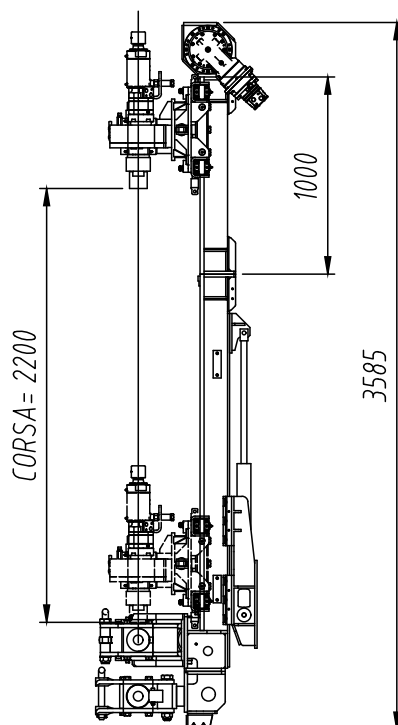
MAST CID 250 STROKE 1200
CLAMP 70-310



MAST CID 250 STROKE 1200
CLAMP 70-310
ROD BREAKER 70-310



MAST CID 250 STROKE 1700
CLAMP 70-310
ROD BREAKER 70-310



MAST CID 250 STROKE 2200
CLAMP 70-310
ROD BREAKER 70-310

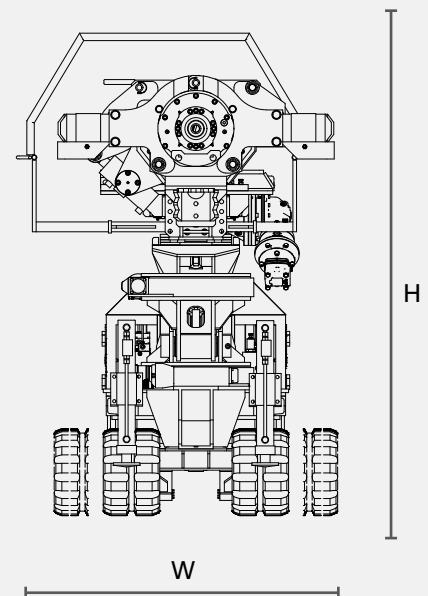
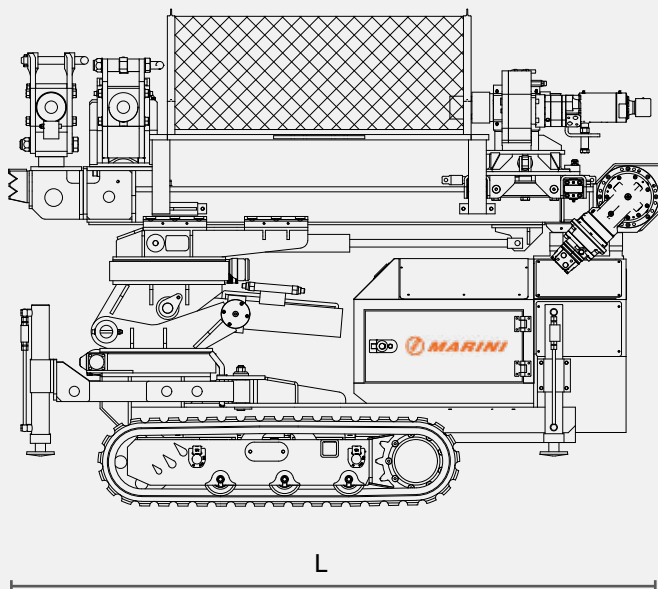
(*) Dimensioni variabili in base all'allestimento / Dimensions may vary according to the setup / Dimensions variables en fonction de l'agencement



TRANSPORT DATA

MR-C 30

DIMENSIONI / DIMENSIONS	mm / ft
L	2585 mm / 8.48 ft
W	1290 mm / 4.23 ft
H	1963 mm / 6.44 ft



PESO / WEIGHT	kg / lbs
MR-C 30	≈2900 kg / 6395 lb
POWER PACK 75 D	≈2400 kg / 5.290 lb
POWER PACK 75 E	≈2500 kg / 5512 lb
POWER PACK 45 D	≈1800 kg / 3968 lb
POWER PACK 40 E	≈1.900 kg / 4.190 lbs

(*) Valori massimi variabili in base all'allestimento / max. values may vary according to the setup / valeurs variables en fonction de l'agencement

NOTE

[illegible]



MARINI SRL

Via Beura 44 - 28844 Villadossola (VB)

www.marinidrills.com



www.printgraficapistone.it

I dati tecnici sono indicativi e soggetti a modifiche senza preavviso / Specifications shown are only indicative and subject to alterations without prior notice
Les données techniques sont indicatives et sujettes à des modifications sans préavis / Die angegebenen Daten sind Richtwerte und können sich ohne Vorankündigung ändern.