

MR-C 20 P

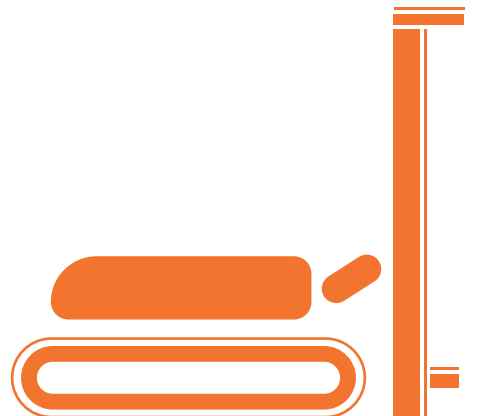
MR-C LINE
CRAWLER DRILL RIG



MARINI

MR-C 20 P

MR-C LINE
CRAWLER DRILL RIG



/ Working to grow together

MR-C 20 P

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.

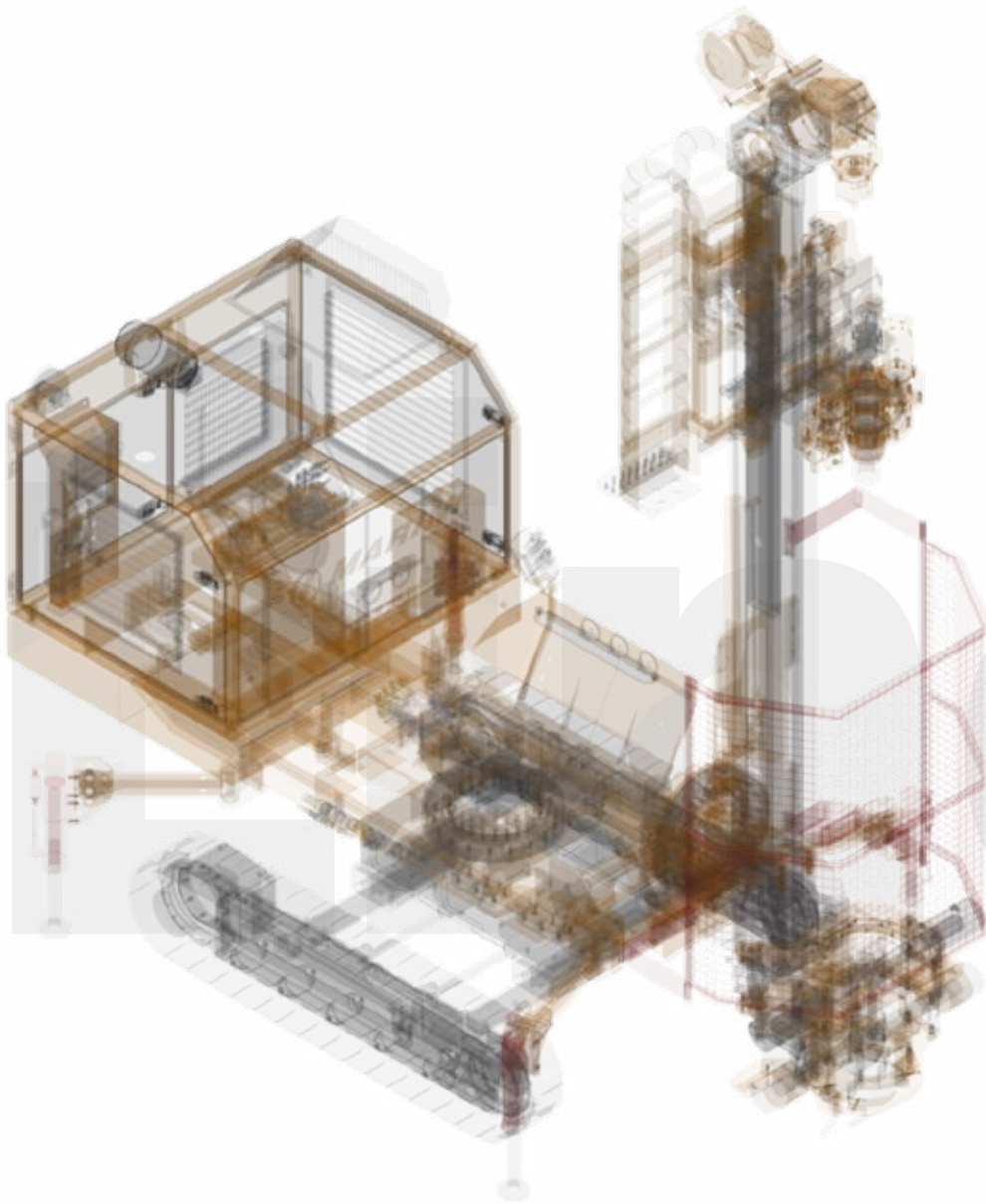
Marini Srl stands out for using top-quality components, carefully selected to ensure superior performance. The choice of the finest raw materials and finished products guarantees a longer lifespan for machinery, reducing breakdowns and downtime.



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 Line



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ITA

Perforatrice idraulica cingolata

L'unità da perforazione cingolata **MR-C 20P** è progettata per offrire elevata affidabilità e prestazioni eccellenti anche nei cantieri più impegnativi. Equipaggiata con una centrale idraulica separabile (disponibile in versioni diesel o elettrica), la MR-C 20P rappresenta il modello più compatto e completamente radiocomandato della MR-C Line. Questa unità è particolarmente adatta per interventi di consolidamento di piccolo e medio diametro, dove la mobilità e la versatilità sono fattori determinanti. Grazie alla sua struttura modulare e alla facilità di smontaggio, può essere facilmente elitrasportata, rendendola la soluzione ideale per i cantieri remoti.

MR-C10



MR-C15



MR-C35



MR-C 50



ENG

Hydraulic crawler drill rig

The **MR-C 20P** crawler drilling rig is designed to offer high reliability and exceptional performance even in the most challenging construction sites. Equipped with a detachable hydraulic power pack (available in diesel or electric versions), the MR-C 20P is the most compact fully remote-controlled model in the MR-C Line. This unit is particularly suited for small and medium-diameter consolidation work, where mobility and versatility are key factors. Thanks to its modular design and ease of disassembly, it can be easily airlifted, making it the ideal solution for remote job sites.

MAST
CID 150



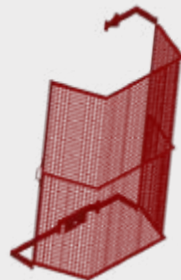
WATER
PUMP



MR-CLINE

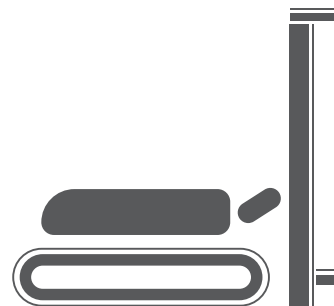


CE
SAFETY
CAGE



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MR-C 20 P



OPTIONS



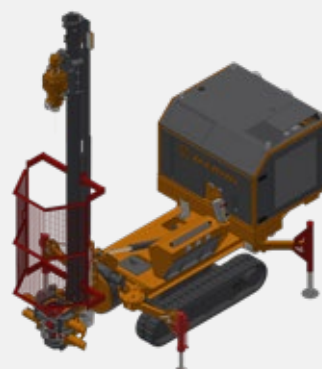
Carrello apribile idraulico
Hydraulic head side shift



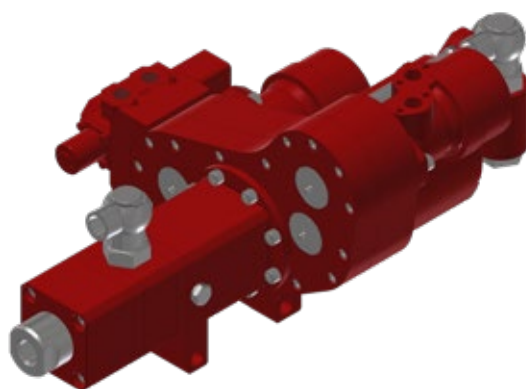
Motore diesel o elettrico
Diesel or electric motor



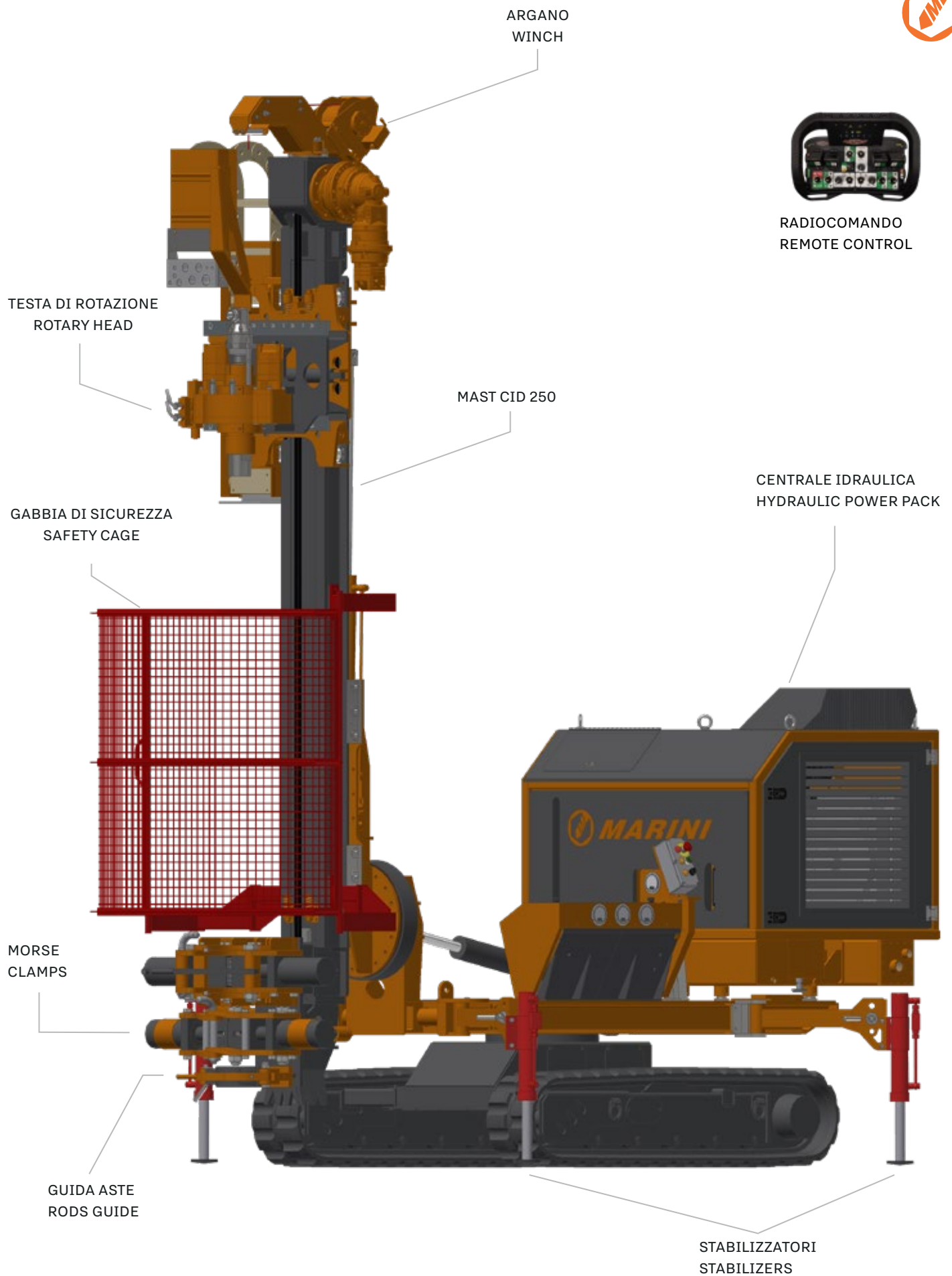
Kit trasporto con elicottero
Helicopter transport kit



MR C 20
CONFIGURATION
WITH MAST CID 150



PERFORATORE
DRIFTER



/ MR-C Line

MR-C 20 P

CARRO CINGOLATO UNDERCARRIAGE	CHARIOT CHENILLE FAHRWARK	
Passo cingolo Wheel base	Enpattement Fahrwerk	1745 mm (5.72 ft)
Careggiata variabile Variable track	Standbreite verstellbar Voie variable	1050 / 1550 mm (3.44 / 5.08ft)
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	MOTORE DIESEL / DIESEL ENGINE MOTEUR DIESEL / DIESELMOTOR
Motore Diesel Diesel Engine	Moteur diesel Dieselmotor	Yanmar 3TNV86CT-DKEV
Potenza motore Engine Power	Puissance moteur Antriebsleistung	33kW (44 Hp) @3000 rpm
Pompa principale Main pump	Pompe principale Hydraulische Leistung	90 lpm @ 200 bar (23.7 gal/min @2900 psi)
Serbatoio olio Oil tank	Réservoir huile Oiltank	100 Litri (26.4 gal)
Serbatoio Gasolio Fuel Tank	Réservoir diesel Diesel tank	40 Litri (10.57 gal)
Consumo carburante Fuel consumption	Consommation de carburant Kraftstoffverbrauch	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	MOTORE ELETTRICO / ELECTRIC MOTOR MOTEUR ÉLECTRIQUE / ELEKTROMOTOR
Potenza motore Engine Power	Puissance moteur Antriebsleistung	30kW (40 Hp) @2900 rpm
Pompa principale Main pump	Pompe principale Hydraulische Leistung	90 lpm @ 200 bar (23.7 gal/min @2900 psi)
Serbatoio olio Oil tank	Réservoir huile Oiltank	100 Litri (26.4 gal)
Raffreddamento Cooling	Kühlung Refroidissement	Scambiatore aria olio separato - Separate oil air exchanger Luftaustauscher / Ölabscheider / échangeur



/ MR-C Line

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MAST MAST	MAT LAFETTE	CID 150	CID 250
Corsa utile (Modulare) Feed stroke (Modular)	Course utile (Modulaire) Vorschub (Modularer)	1800 mm (*) / 5.90 ft (*)	1800 mm (*) / 5.90 ft (*)
Lunghezza totale Total length	Longueur totale Gesamtlänge	3300 mm (*) / 10.82 ft (*)	3947 mm (*) / 12.95 ft (*)
Forza di spinta Feed force	Poussée Vorschubkraft	2500 daN / 5620 lbf	3500 daN / 7868 lbf
Forza di tiro Retract force	Traction Rückzugskraft	2500 daN / 5620 lbf	3500 daN / 7868 lbf
TESTA DI ROTAZIONE ROTARY HEAD	TÊTE DE ROTATION DREHKOPF	ID 500	
Coppia max. Max. torque	Couple max. Drehmoment max.	500/250 daNm (3688 /1844 ft*lb)	
Giri max. Max. speed	Vitesse max. Drehzahl max.	40/80 rpm	
Marce Gears	Vitesses Gänge	2	
Passaggio testa Head passage	Passege de la tête Drehkopfdurchgang	1"	
TESTA 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	
Coppia max. Max. torque	Couple max. Drehmoment max.	200 daNm / 1747 ft*lb	
Giri max. Max. speed	Vitesse max. Drehzahl max.	50 / 100 rpm	
Forza di battuta Impact energy	Force de frappe Einzelschlagenergie	180 Nm / 133 ft*lb	
Frequenza di battuta Impact frequency	Fréquence de frappe Schlagfrequenz	2800 cpm	
Aste filettate ed auto perforanti Threaded and self-anchoring rods	Barres filetées et autoforeuses Gewindestangen und Bohr- schrauben	R25/R32/R38/R51/ ISCHEBECK TITAN 30/40/52 /C90-R51	

/ MR-C Line

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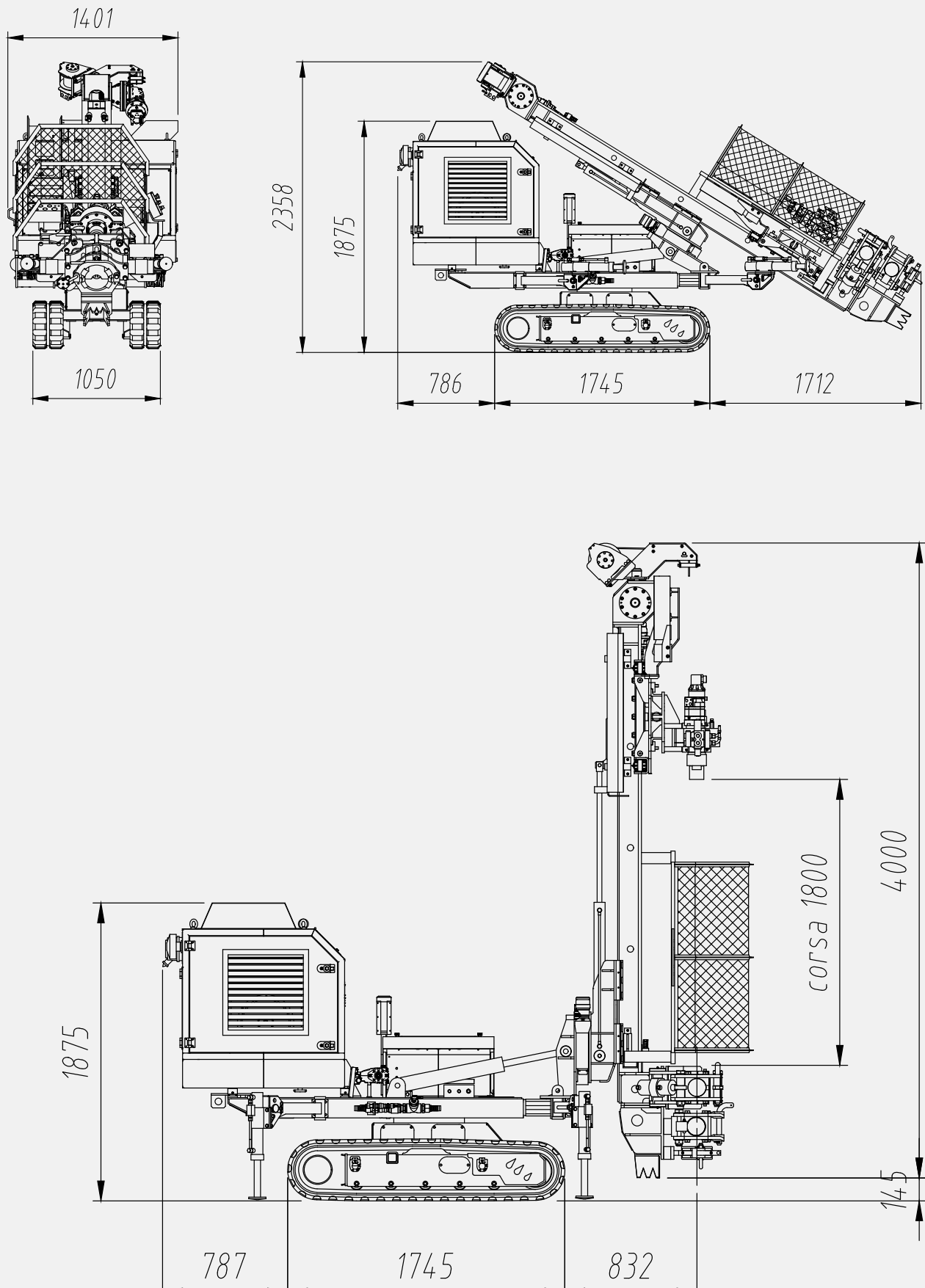
MORSE CLAMPS	MORS KLEMM	MOD: 70/188	MOD: 70/230
Diametro min. / max presa Clamping range	Tige diamètre min. / max Durchmesser min. / max	Ø 25 / 188 mm (0.98 / 7.40 in	Ø 25 / 230 mm (0.98 / 9 in)
Forza di chiusura Clamping force	Force de serrage Klemmkraft	500 daN @220 bar (16540 lbf @ 3191 psi)	18000 daN @220 bar (40465 lbf @ 3190 psi)
Coppia svitaggio Breaking torque	Couple de deserrage Brehmoment	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



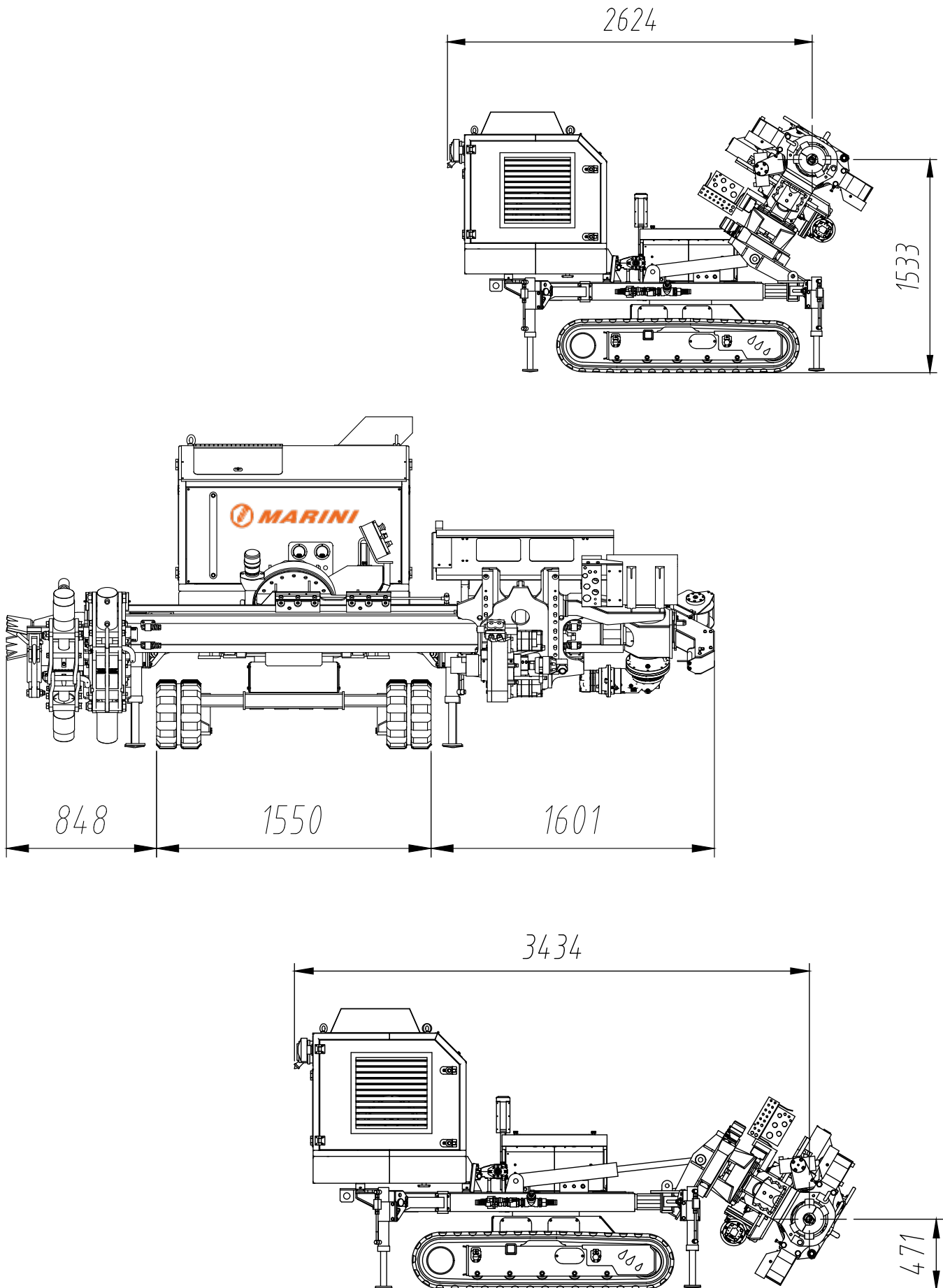


DIMENSIONS



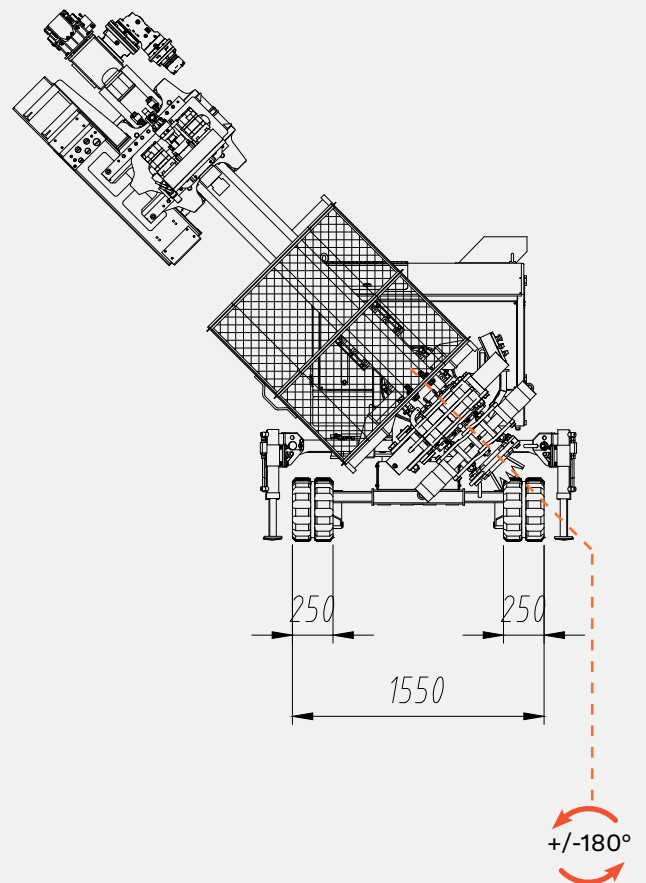
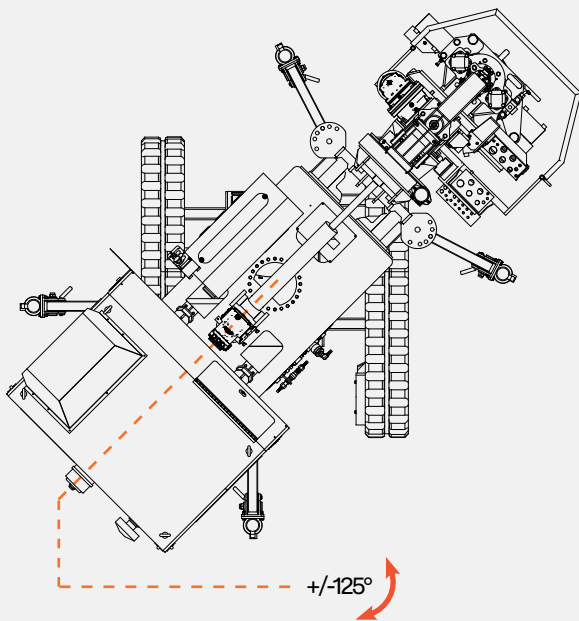
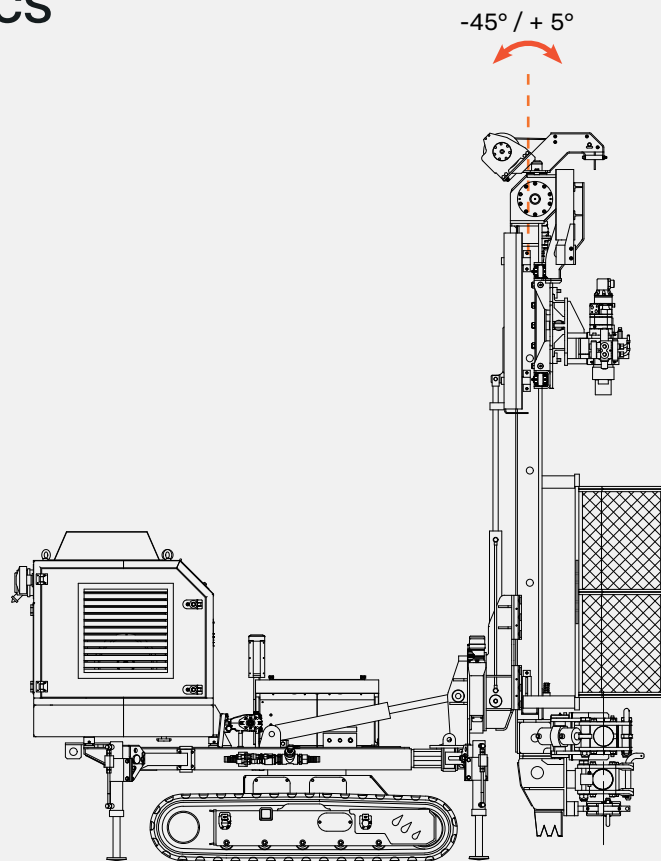
(*) Dimensioni variabili in base all'allestimento / Dimensions may vary according to the setup / Dimensions variables en fonction de l'agencement

KINEMATICS

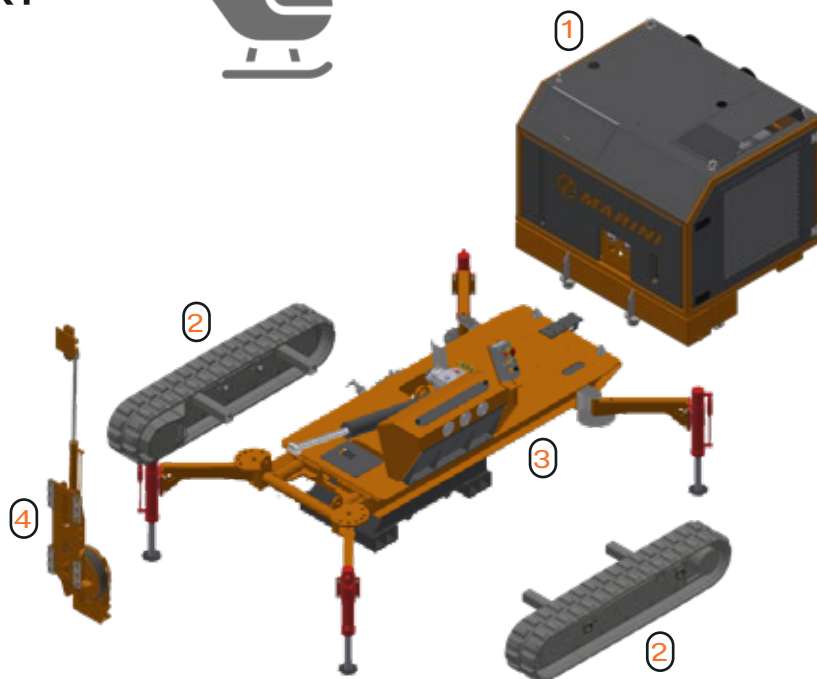
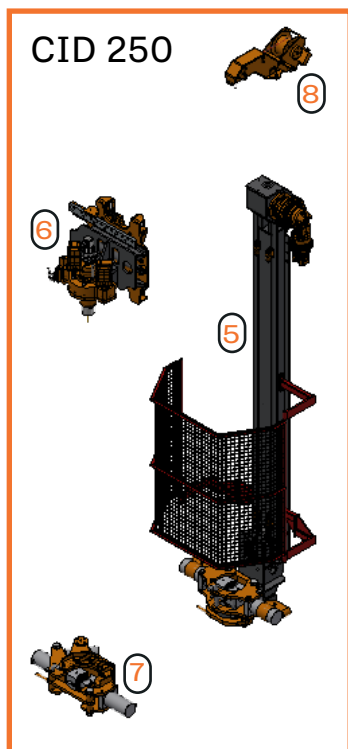


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KINEMATICS



HELICOPTER TRANSPORT



COMPONENTI / COMPONENTS	PESI / WEIGHTS
Power pack (1)	≈800 kg / 1765 lb
Tracks (2)	≈200 kg / 440 lb (single)
Chassis (3)	≈960 kg / 2116 lb (whit hydraulic hoses)
Counterslide (4)	≈260 kg / 573 lb
Mast CID 250 (5)	≈900 kg / 1984 lb
Rotary head ID 500 (6)	≈160 kg / 352 lb
Clamp 70/188 - 70/230 (7)	≈100 - 140 kg / 220 - 308 lb
Winch (8)	≈55 kg / 120 lb
Mast CID 150 complete (9)	≈900 kg / 1984 lb

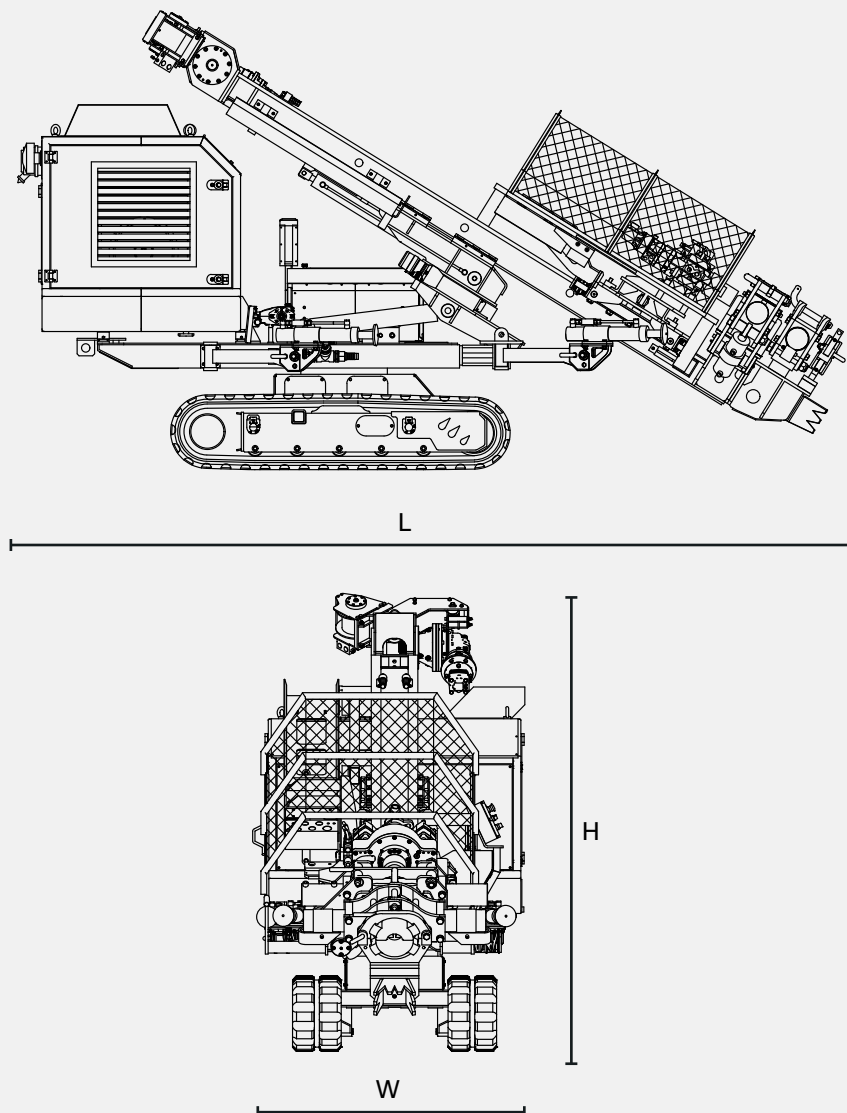
(*) Valori massimi variabili in base all'allestimento / max. values may vary according to the setup / valeurs variables en fonction de l'agencement



TRANSPORT DATA

MR-C 20 P

DIMENSIONI / DIMENSIONS	mm /ft
L	2585 mm / 8.48 ft
W	1290 mm / 4.23 ft
H	1410 mm / 6.44 ft



PESO / WEIGHT	kg / lbs
Total weight MR C 20 P	≈ 3800 kg (8380 lb)
Total weight MR C 20	≈ 3400 kg (7495 lb)

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

NOTE

[illegible]



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