

DRILLING & FOUNDATION

EQUIPMENT



Catalogo Prodotti

Product Catalog



MARINI

/ Working to grow together



Benvenuti / Welcome



Marini Srl è riconosciuta a livello globale come leader nella progettazione e produzione di macchinari e attrezzature per fondazioni speciali, sia di grande che di piccolo diametro, nonché per le cave di marmo e granito.

Il patrimonio di **competenze** tecniche accumulato in oltre 50 anni di esperienza nel settore e la vasta rete di assistenza post-vendita fanno di Marini Srl il partner ideale per la fornitura di singole macchine o impianti completi, ovunque nel mondo.

Con una gamma che comprende oltre **45 modelli** distinti di macchinari per il settore delle fondazioni speciali, suddivisi in cinque linee di produzione, siamo in grado di offrire soluzioni avanzate per la realizzazione di palificazioni, micropali, consolidamenti, ancoraggi e installazioni di reti paramassi e para-valanghe.

Il nostro impegno per l'eccellenza si manifesta fin dalla selezione delle materie prime e prosegue in tutte le fasi di progettazione e produzione, avvalendoci di tecnologie all'avanguardia che garantiscono non solo elevati standard qualitativi nell'esecuzione dei lavori, ma anche la durabilità e la costanza dei nostri prodotti nel tempo.



Marini Srl is globally recognized as a leader in the design and production of machinery and equipment for special foundations, both large and small diameter, as well as for marble and granite quarries.

The **technical expertise** gained over more than 50 years of experience in the sector, along with an extensive after-sales support network, makes Marini Srl the ideal partner for the supply of single machines or complete systems, anywhere in the world.

With a range of over **45 distinct models** of machinery for the special foundations sector, divided into five production lines, we are capable of offering advanced solutions for the execution of large diameter piles, micropiles, ground improvement, anchoring, and the installation of rockfall and avalanche protection systems.

Our commitment to excellence begins with the selection of raw materials and continues throughout the design and production phases, utilizing cutting-edge technologies that ensure not only high-quality standards in the execution of work but also the durability and consistency of our products over time.



COMPANY HISTORY

Timeline

nuova sede

new headquarter

La nuova sede della società, segnando un importante passo verso la crescita e l'espansione.

The company's new headquarters, marking an important step towards growth and expansion.



macchine per fondazioni

drilling and foundation equipment

Marini Quarries Group introduce i primi macchinari per le fondazioni speciali, un passo fondamentale che avvierà la crescita e l'espansione dell'azienda nel settore.

Marini Quarries Group introduces the first machinery for deep foundations, a crucial step that will drive the company's growth and expansion in the industry.



1975

nascita aziendale

company birth

Il fondatore, Marini Giuliano, avvia l'azienda Costruzioni Meccaniche Marini, dando vita a una realtà di successo nel settore delle cave.

The founder, Giuliano Marini, establishes the company Costruzioni Meccaniche Marini, creating a successful presence in the quarry industry



1997

Marini Quarries Group

Nell'ottobre del 1997, avviene l'incorporazione tra Costruzioni Meccaniche Marini e la società Quarries Group, dando vita alla Marini Quarries Group Srl, unendo expertise e risorse per una crescita congiunta.

In October 1997, the merger between Costruzioni Meccaniche Marini and Quarries Group takes place, creating Marini Quarries Group Srl, combining expertise and resources for joint growth.



2025

Marini Srl

Con il raggiungimento dei 50 anni di attività, l'azienda si trasforma in Marini Srl e amplia la sua struttura di produzione, consolidando la sua posizione nel mercato.

With the completion of 50 years of operation, the company becomes Marini Srl and expands its production structure, strengthening its position in the market.



Our Passion, Commitment and Competence at Customer side



/ Working to grow together

Chi siamo oggi / Who we are today

ANNI DI ESPERIENZA *Years of experience*

50

LINEE DI PRODOTTI *Product lines*

8

MODELLI DI MACCHINE *Machines model*

65+

MACCHINE-ANNO *Machines-Year*

250+

NAZIONI *Nations*

50+

CONCESSIONARI *Dealers*

45+

FILIALI *Branches*

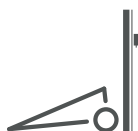
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TEAM *Employees*

50+

/ Working to grow together

Le nostre soluzioni / Our solutions



MR-Line

MACCHINE DA PARETE

Wagon Drills [Pag.12](#)

MR-1
MR-2 PN
MR-2 PN 80
MR-3 PN
MR-5 PN
MR-6 PN

MR-2 ID 80
MR-2 ID 100
MR-3 ID
MR-4 ID
MR-5 ID
MR-6 ID



MR-S Line

MACCHINE PORTATILI

Portable Drills [Pag.20](#)

MR-S MCDP
MR-S MCDP 80
MR-S PN
MR-S 80
MR-S 100
MR-S 150

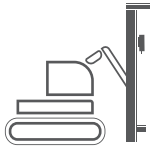


MR-P Line

MACCHINE DA PALI COMPATTE

Compact Piling Rigs [Pag.42](#)

MR-P 350
MR-P 400 BP
MR-P 400 CFA
MR-P 750 BP
MR-P 750 CFA



MR-A Line

APPLICAZIONI

Mast Attachments [Pag.26](#)

MR-A MCDP
MR-A MCDP 80
MR-A PN
MR-A 80
MR-A 80 COMPACT
MR-A 100
MR-A 100 COMPACT
MR-A 120 COMPACT
MR-A 150
MR-A 250
MR-A 300
MR-A 500
MR-A 500 LS
MR-A 800



MR-C Line

PERFORATRICI CINGOLATE

Crawler Drill Rigs [Pag.34](#)

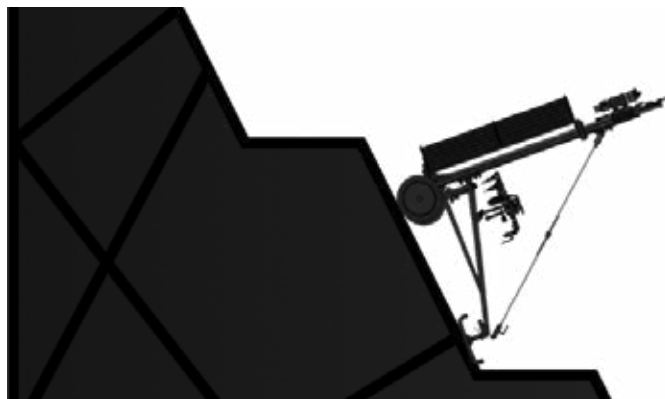
MR-C 10
MR-C 15
MR-C 20/P
MR-C 30
MR-C 35/A
MR-C 50
MR-C 80
MR-C 85/A
MR-C 90
MR-C 95/P



MR-Line

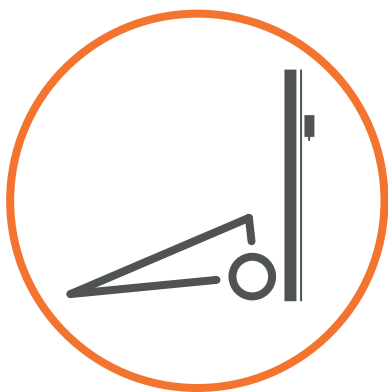
SLOPE STABILIZATION DRILLS

MR-LINE



La **MR-Line** è una linea di macchine progettate con attenzione e precisione per lavori di perforazione in parete o in cantieri con accesso difficile, dove la versatilità e la compattezza sono i requisiti fondamentali. Le macchine di questa linea possono essere completamente pneumatiche o idrauliche con una centrale separata. Con una gamma che offre **12 modelli**, siamo in grado di fornire la soluzione ottimale in base alle specifiche esigenze di perforazione.

The **MR-Line** is a range of machines carefully designed and built for slope stabilization or limited access sites, where versatility and compactness are key requirements. These machines can be fully pneumatic or hydraulic with a separate power unit. With **12 different models** available, we are able to provide the optimal solution based on specific drilling requirements.

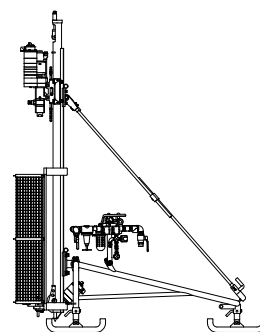
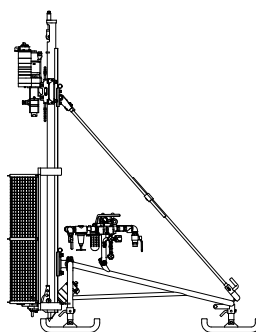
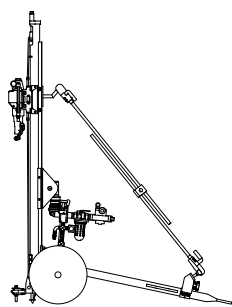


MR-Li

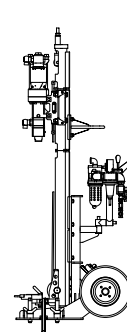
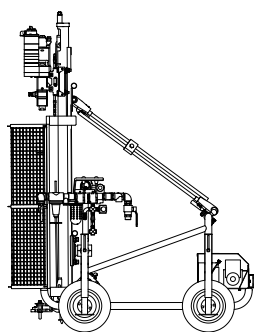
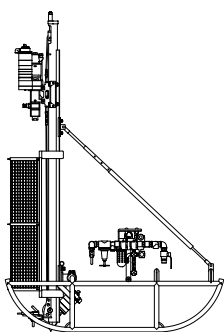


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PNEUMATIC LINE

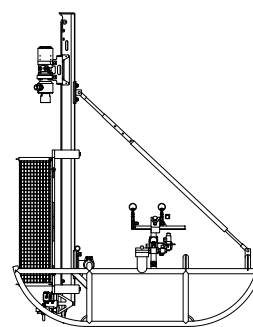
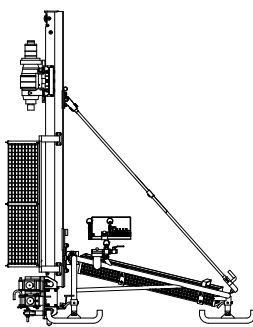
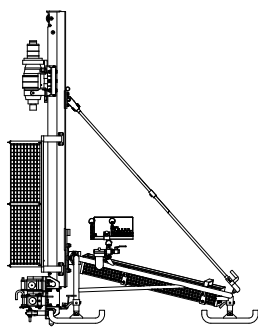


MODELLO MODEL	MR-1	MR-2 PN	MR 2 PN 80
Aria richiesta Air request	6 - 8 m ³ *min 211,5 - 282,5 cfm	9.5 - 10 m ³ *min 335,5 - 353,15 cfm	9.5 - 10 m ³ *min 335,5 - 353,15 cfm
Corsa mast Mast stroke	1.260 - 1.760 mm / 4.1 - 5.7 ft	1.260 - 1.760 mm / 4.1 - 5.7 ft	1.260 - 1.760 mm / 4.1 - 5.7 ft
Forza di spinta Feed force	500 daN / 1.102 lbf	950 daN / 2.135 lbf	950 - 1.250 daN / 2.135 - 2.810 lbf
Forza di tiro Retract force	500 daN / 1.102 lbf	950 daN / 2.135 lbf	950 - 1.250 daN / 2.135 - 2.810 lbf
Coppia rotary Rotary torque	85 daNm / 590 ft*lb	120 daNm / 885 ft*lb	120 - 160 daNm / 885 - 1.180 ft*lb
Giri rotary Rotary range	40 rpm	45 rpm	40 - 45 rpm
Serraggio morse Clamp range	---	---	---
Peso Weight	180 - 200 Kg / 395 - 440 lbs	280 - 340 Kg / 618 - 750 lbs	350 - 410 Kg / 772 - 904 lbs

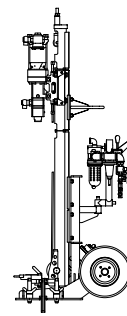
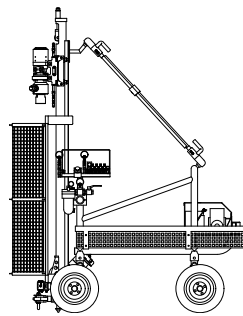
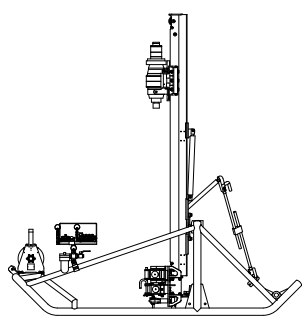


MODELLO MODEL	MR-3 PN	MR 5 PN	MR 6 PN
Aria richiesta Air request	6 - 8 m ³ *min 211,5 - 282,5 cfm	9.5 - 10 m ³ *min 335,5 - 353,15 cfm	9.5 - 10 m ³ *min 335,5 - 353,15 cfm
Corsa mast Mast stroke	1.260 - 1.760 mm / 4.1 - 5.7 ft	1.260 - 1.760 mm / 4.1 - 5.7 ft	750 - 1.250 mm / 2.4 - 4.1 ft
Forza di spinta Feed force	950 daN / 2.135 lbf	950 - 1.250 daN / 2.135 - 2.810 lbf	950 daN / 2.135 lbf
Forza di tiro Retract force	950 daN / 2.135 lbf	950 - 1.250 daN / 2.135 - 2.810 lbf	950 daN / 2.135 lbf
Coppia rotary Rotary torque	120 daNm / 885 ft*lb	85 - 120 daNm / 590 - 885 ft*lb	120 daNm / 885 ft*lb
Giri rotary Rotary range	45 rpm	40 - 45 rpm	45 rpm
Serraggio morse Clamp range	---	---	---
Peso Weight	280 - 340 Kg / 618 - 750 lbs	390 - 460 Kg / 860 - 1.015 lbs	300 - 320 Kg / 661 - 705 lbs

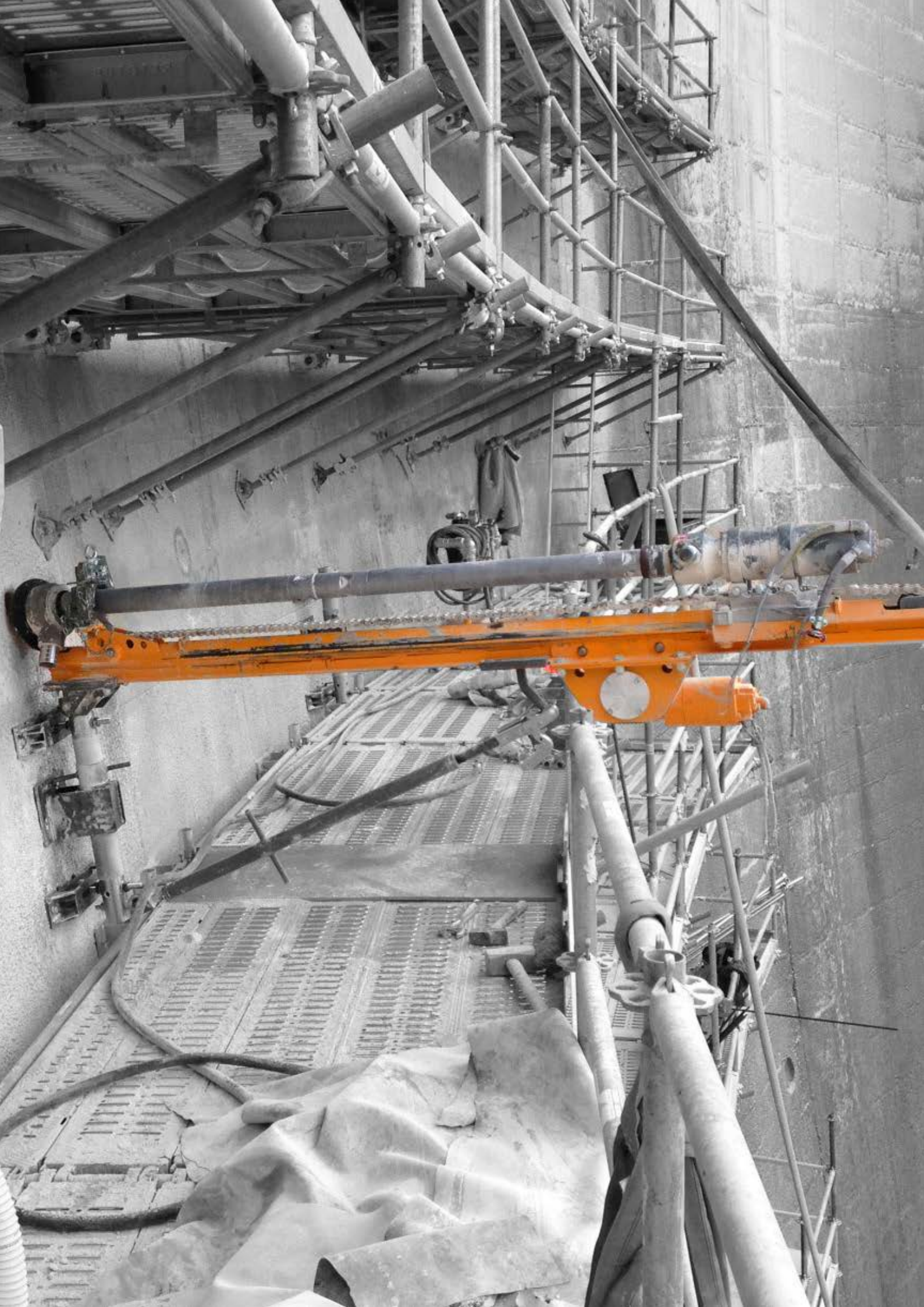
HYDRAULIC LINE



MODELLO MODEL	MR 2 ID 80	MR 2 ID 100	MR 3 ID
Olio richiesto Oil request	40 L/min 10.56 g/min	40-90 L/min 10.56 - 23.7 g/min	40 L/min 10.56 g/min
Corsa mast Mast stroke	1.260 - 1.760 mm / 4.1- 5.7 ft	1.260 - 1.760 mm / 4.1- 5.7 ft	1.260 - 1.760 mm / 4.1- 5.7 ft
Forza di spinta Feed force	1.000 daN / 2.250 lbf	1.500 daN / 3.370 lbf	1.000 daN / 2.250 lbf
Forza di tiro Retract force	1.000 daN / 2.250 lbf	1.500 daN / 3.370 lbf	1.000 daN / 2.250 lbf
Coppia rotary Rotary torque	160 daNm / 1.180 ft*lb	350 daNm / 2.580 ft*lb	160 daNm / 1.180 ft*lb
Giri rotary Rotary speed range	40 - 80 rpm	40 rpm	40 - 80 rpm
Serraggio morse Clamp range	25 - 115 mm / 0.98 - 4.52 in	25 - 188 mm / 0.98 - 7.4 in	25 - 115 mm / 0.98 - 4.52 in
Peso Weight	390 - 430 Kg / 860 - 950 lbs	600 - 650 Kg / 1.323 - 1.433 lbs	390 - 430 Kg / 860 - 950 lbs



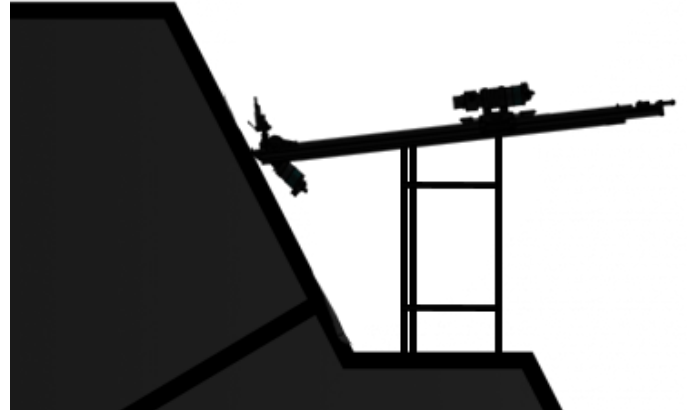
MODELLO MODEL	MR 4 ID	MR 5 ID	MR 6 ID
Olio richiesto Oil request	40-90 L/min 10.56 - 23.7 g/min	40 L/min 10.56 g/min	40 L/min 10.56 g/min
Corsa mast Mast stroke	1.260 - 1.760 mm / 4.1- 5.7 ft	1.260 - 1.760 mm / 4.1 - 5.7 ft	750 - 1.250 mm / 2.4 - 4.1 ft
Forza di spinta Feed force	1.500 - 2.500 daN / 3.370 - 5.620 lbf	1.000 daN / 2.250 lbf	1.000 daN / 2.250 lbf
Forza di tiro Retract force	1.500 - 2.500 daN / 3.370 - 5.620 lbf	1.000 daN / 2.250 lbf	1.000 daN / 2.250 lbf
Coppia rotary Rotary torque	350 - 500 daNm / 2.580 - 3.690 ft*lb	160 daNm / 1.180 ft*lb	160 daNm / 1.180 ft*lb
Giri rotary Rotary speed range	40 - 80 rpm	40 - 80 rpm	40 - 80 rpm
Serraggio morse Clamp range	25 - 188 mm / 0.98 - 7.4 in	25 - 115 mm / 0.98 - 4.52 in	25 - 115 mm / 0.98 - 4.52 in
Peso Weight	850 - 1.100 Kg / 1.875 - 2.425 lbs	400 - 460 Kg / 882 - 1.015 lbs	300 - 330 Kg / 661 - 728 lbs



MR- S Line

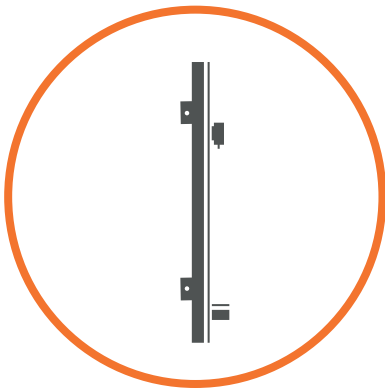
PORTABLE DRILLS

MR-S LINE



La **linea MR-S** è composta da slitte da perforazione leggere e portatili, progettate per essere applicate su strutture tubolari, cestelli, e supporti specifici, ideali per applicazioni in spazi di difficile accesso o per lavori in altezza. La gamma include unità pneumatiche e idrauliche, complete di centraline idrauliche a corredo, per garantire prestazioni elevate e adattabilità a diverse necessità operative.

The **MR-S line** consists of lightweight and portable drilling mast, designed to be applied to tubular structures, baskets, and specific supports, ideal for applications in hard-to-reach areas or for work at height. The range includes pneumatic and hydraulic units, complete with hydraulic power units, ensuring high performance and adaptability to various operational requirements.

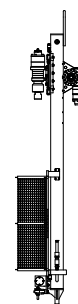
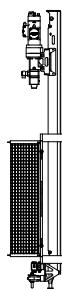
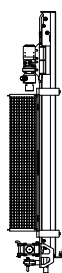


MR-S



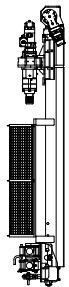
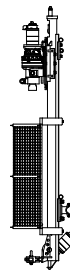
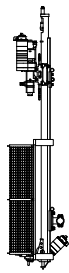
Line

PNEUMATIC LINE



MODELLO MODEL	MR-S MCDP	MR-S MCDP 80	MR-S PN
Aria richiesta Air request	9.5 - 10 m ³ *min 335,5 - 353,15 cfm	9.5 - 10 m ³ *min 335,5 - 353,15 cfm	9.5 - 10 m ³ *min 335,5 - 353,15 cfm
Corsa mast Mast stroke	1.260 - 2.260 mm / 4.1 - 7.4 ft	1.260 - 3.260 mm / 4.1 - 10.7 ft	1.260 - 3.260 mm / 4.1 - 10.7 ft
Forza di spinta Feed force	950 - 1.250 daN / 2.135 - 2.810 lbf	950 - 1.250 daN / 2.135 - 2.810 lbf	1.250 daN / 2.810 lbf
Forza di tiro Retract force	950 - 1.250 daN / 2.135 - 2.810 lbf	950 - 1.250 daN / 2.135 - 2.810 lbf	1.250 daN / 2.810 lbf
Coppia rotary Rotary torque	85 - 120 daNm / 590 - 885 ft*lb	120 - 160 daNm / 885 - 1.180 ft*lb	120 - 160 daNm / 885 - 1.180 ft*lb
Giri rotary Rotary range	40 - 45rpm	40 - 45 rpm	40 - 45 rpm
Serraggio morse Clamp range	---	---	---
Peso Weight	120 - 140 Kg / 265 - 309 lbs	150 - 170 Kg / 330 - 375 lbs	220 - 350 Kg / 485 - 771 lbs

HYDRAULIC LINE



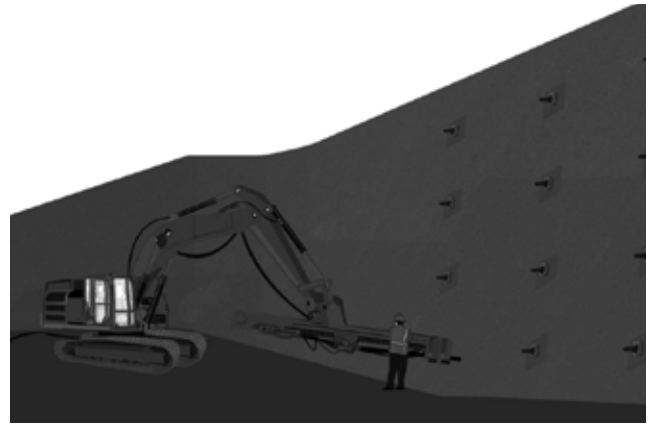
MODELLO MODEL	MR-S 80	MR-S 100	MR-S 150
Olio richiesto Oil request	40 L/min 10.56 g/min	40-90 L/min 10.56 - 23.7 g/min	90-160 L/min 23.7 - 42.2 g/min
Corsa mast Mast stroke	1.260 - 2.260 mm / 4.1 - 7.4 ft	1.300 - 3.300 mm / 4.2 - 10.8 ft	1.300 - 3.300 mm / 4.2 - 10.8 ft
Forza di spinta Feed force	1.000 daN / 2.250 lbf	1.500 daN / 3.370 lbf	2.500 daN / 5.511 lbf
Forza di tiro Retract force	1.000 daN / 2.250 lbf	1.500 daN / 3.370 lbf	2.500 daN / 5.511 lbf
Coppia rotary Rotary torque	160 daNm / 1.180 ft*lb	120 - 160 daNm / 885 - 1.180 ft*lb	350 - 500 daNm / 2.580 - 3.690 ft*lb
Giri rotary Rotary range	40 - 80 rpm	40 - 45 rpm	40 - 80 rpm
Serraggio morse Clamp range	25 - 115 mm / 0.98 - 4.52 in	---	25 - 188 mm / 0.98 - 7.4 in
Peso Weight	170 - 230 Kg / 375 - 507 lbs	300 - 350 Kg / 661 - 772 lbs	320 - 450 Kg / 705 - 992 lbs



MR- A Line

MAST ATTACHMENTS

MR-A LINE



Con **14 modelli** di unità disponibili, la linea MR-A rappresenta la gamma più completa di attachment sul mercato, in grado di rispondere alle esigenze delle applicazioni di perforazione più sofisticate. Grazie ai kit di montaggio per escavatori, escavatori ragno e sollevatori telescopici, siamo in grado di offrire soluzioni adattabili a tutte le dimensioni di semoventi di base.

With **14 different models**, the MR-A line is the most comprehensive range of attachments on the market, capable of meeting the most demanding drilling applications. With mounting kits for excavators, spider excavators, and telehandlers, we are able to provide adaptable solutions for all sizes of base self-propelled machines.

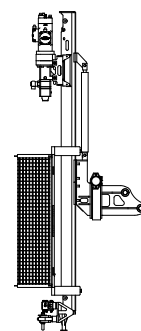
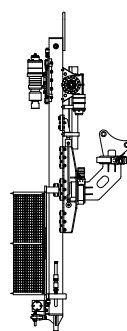
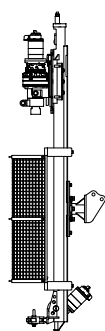
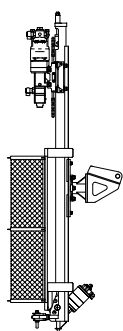


MR-A



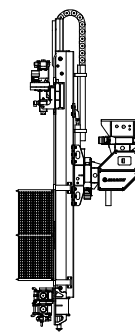
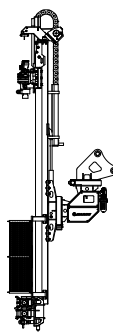
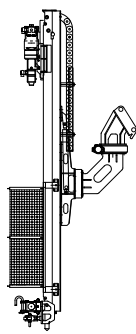
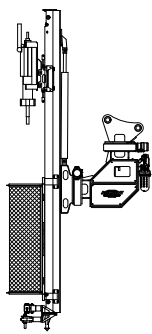
Line

SMALL SIZE MAST



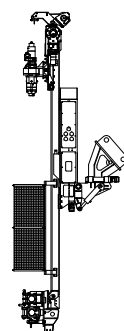
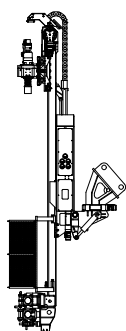
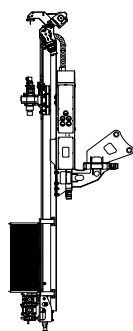
MODELLO MODEL	MR-A MCDP	MR-A MCDP 80	MR-A PN	MR-A 80
Taglia escavatore Excavator size	2 - 3 Ton	3 - 4 Ton	8 - 10 Ton	4 - 6 Ton
Corsa mast Mast stroke	1.260 - 2.260 mm / 4.1 - 7.4 ft	1.260 - 3.260 mm / 4.1 - 10.7 ft	1.800 - 4.300 mm / 5.90 - 14.1 ft	1.260 - 2.260 mm / 4.1 - 7.4 ft
Forza di spinta Feed force	950 daN / 2.135 lbf	1.250 daN / 2.810 lbf	1.250 daN / 2.810 lbs	1.000 daN / 2.250 lbf
Forza di tiro Retract force	950 daN / 2.135 lbf	1.250 daN / 2.810 lbf	1.250 daN / 2.810 lbs	1.000 daN / 2.250 lbf
Coppia rotary Rotary torque	120 daNm / 885 ft*lb	120 - 160 daNm / 885 - 1.180 ft*lb	120 - 160 daNm / 885 - 1.180 ft*lb	160 daNm / 1.180 ft*lb
Giri rotary Rotary range	45 rpm	40 - 45 rpm	40 - 45 rpm	40 - 80 rpm
Serraggio morse Clamp range	---	---	25 - 115 mm / 0.98 - 4.52 in	25 - 115 mm / 0.98 - 4.52 in
Peso Weight	250 Kg / 551 lbs	350 Kg / 770 lbs	700 Kg / 1.540	400 - 500 Kg / 882 - 1.100 lbs

MEDIUM SIZE MAST



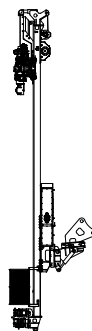
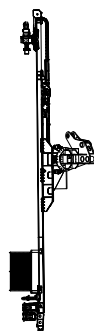
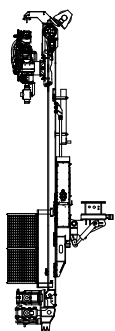
MODELLO MODEL	MR-A 80 COMPACT	MR-A 100	MR-A 100 COMPACT	MR-A 120 COMPACT
Taglia escavatore Excavator size	6 - 7 Ton	6 - 8 Ton	8 - 10 Ton	12 - 15 Ton
Corsa mast Mast stroke	1.260 - 2.260 mm / 4.1 - 7.4 ft	1.300 - 3.300 mm / 4.2 - 10.8 ft	1.300 - 3.300 mm / 4.2 - 10.8 ft	1.300 - 3.300 mm / 4.2 - 10.8 ft
Forza di spinta Feed force	1.000 daN / 2.250 lbf	1.500 daN / 3.370 lbf	1.500 daN / 3.370 lbf	2.500 daN / 5.620 lbf
Forza di tiro Retract force	1.000 daN / 2.250 lbf	1.500 daN / 3.370 lbf	1.500 daN / 3.370 lbf	2.500 daN / 5.620 lbf
Coppia rotory Rotary torque	160 daNm / 1.180 ft*lb	350 daNm / 2.580 ft*lb	350 daNm / 2.580 ft*lb	500 daNm / 3.690 ft*lb
Giri rotory Rotary range	40 - 80 rpm	40 rpm	40 rpm	40 - 80 rpm
Serraggio morse Clamp range	25 - 115 mm / 0.98 - 4.52 in	25 - 188 mm / 0.98 - 7.4 in	25 - 188 mm / 0.98 - 7.4 in	25 - 188 mm / 0.98 - 7.4 in
Peso Weight	500 - 650 Kg / 1.100 - 1.433 lbs	700 - 900 Kg / 1.544 - 1.985 lbs	1.000 - 1.200 Kg / 2.205 - 2.645 lbs	1.400 - 1.800 Kg / 3.090 - 3.970 lbs

LARGE SIZE MAST



MODELLO MODEL	MR-A 150	MR-A 250	MR-A 300
Taglia escavatore Excavator size	13 - 16 Ton	16 - 20 Ton	18 - 25 Ton
Corsa mast Mast stroke	1.800 - 4.500 mm / 5.9 - 14.1 ft	1.800 - 4.500 mm / 5.9 - 14.1 ft	1.800 - 4.500 mm / 5.9 - 14.1 ft
Forza di spinta Feed force	2.500 daN / 5.620 lbf	3.500 daN / 7.716 lbf	5.000 daN / 11.023 lbf
Forza di tiro Retract force	2.500 daN / 5.620 lbf	3.500 daN / 7.716 lbf	5.000 daN / 11.023 lbf
Coppia rotary Rotary torque	500 daNm / 3.690 ft*lb (opzione doppia testa / double head option)	1.000 daNm / 7.375 ft*lb	1.350 daNm / 9.957 ft*lb
Giri rotary Rotary range	40 - 80 rpm	45 - 90 rpm	45 - 160 rpm
Serraggio morse Clamp range	25 - 188 mm / 0.98 - 7.4 in	25 - 230 mm / 0.98 - 9 in	25 - 310 mm / 0.98 - 12.2 in
Peso Weight	1.700 - 2.300 Kg / 3.747 - 5.070 lbs	1.800 - 2.400 Kg / 3.970 - 5.290 lbs	2.100 - 2.500 Kg / 4.630 - 5.510 lbs

HEAVY DUTY MAST



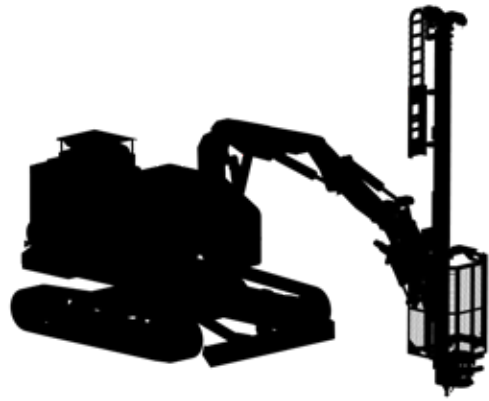
MODELLO MODEL	MR-A 500	MR-A 500 LS	MR-A 800
Taglia escavatore Excavator size	25 - 35 Ton	25 - 35 Ton	30 - 45 Ton
Corsa mast Mast stroke	2.500 - 5.500 mm / 8.2 - 18 ft	3.500 - 7.500 mm / 10 - 24.6 ft	3.500 - 7.500 mm / 10 - 24.6 ft
Forza di spinta Feed force	6000 daN / 13.330 lbf	6000 daN / 13.330 lbf	8.000 daN / 17.637 lbf
Forza di tiro Retract force	6000 daN / 13.330 lbf	6000 daN / 13.330 lbf	8.000 daN / 17.637 lbf
Coppia rotary Rotary torque	1.600 daNm / 11.800 ft*lb (opzione doppia testa / double head option)	1.000 daNm / 7.375 ft*lb	2.400 daNm / 17.700 ft*lb (opzione doppia testa / double head option)
Giri rotary Rotary range	40 - 160 rpm	45 - 90 rpm	40 - 140 rpm
Serraggio morse Clamp range	25 - 330 mm / 0.98 - 13 in	25 - 330 mm / 0.98 - 13 in	70 - 520 mm / 2.75 - 20.47 in
Peso Weight	3.500 - 4.500 Kg / 7.720 - 9.920 lbs	3600 - 4000 Kg / 7.936 - 8.820 lbs	5.000 - 7.000 Kg / 11.023 - 15.432 ft*lb



MR- C Line

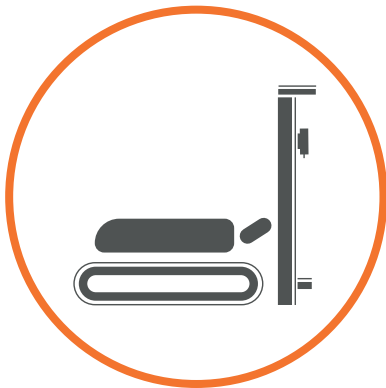
CRAWLER DRILL RIGS

MR-C LINE



La linea di perforatrici cingolate **MR-C** propone una vasta gamma di soluzioni per l'installazione di barre auto-perforanti, ancoraggi, micropali, tiranti e sondaggi. Dalle perforatrici più compatte per operazioni in spazi limitati, alle macchine trasportabili con elicottero, fino alle sonde compatte e a lungo sbraccio, siamo in grado di offrire soluzioni su misura per le esigenze più complesse nell'industria delle fondazioni speciali.

The **MR-C** line provides a wide range of crawler drill rigs for the execution of hollow bars, anchors, micropiles, tie-backs, and geotechnical investigation. From the smallest drilling rigs for operations in confined spaces, to helicopter-transportable machines, compact and long-reach units, we are able to offer customized solutions for the most challenging applications in the deep foundations industry.

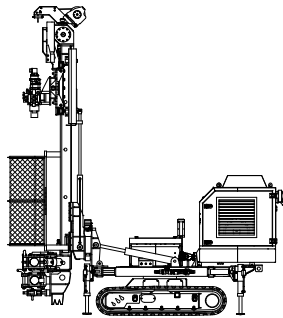
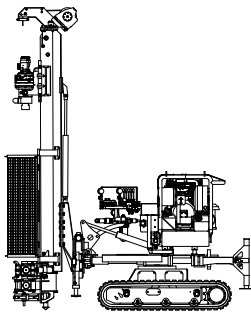
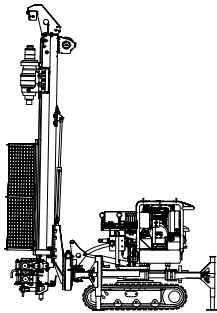


MR-C

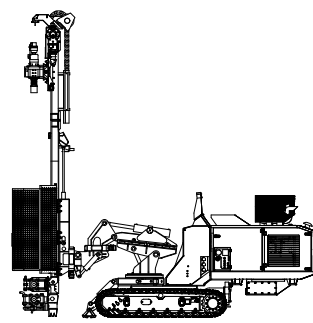
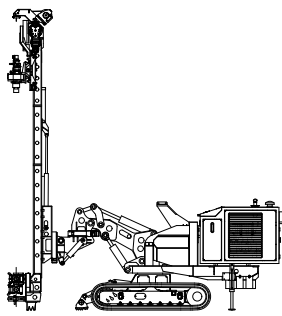
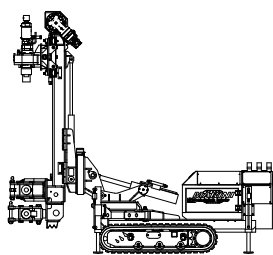


Line

HYDRAULIC CRAWLER DRILL RIGS

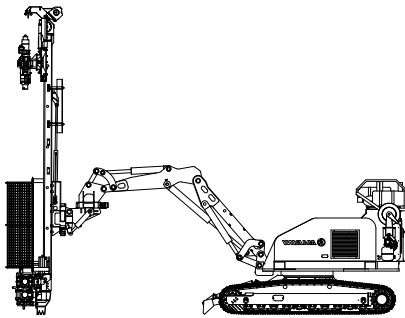
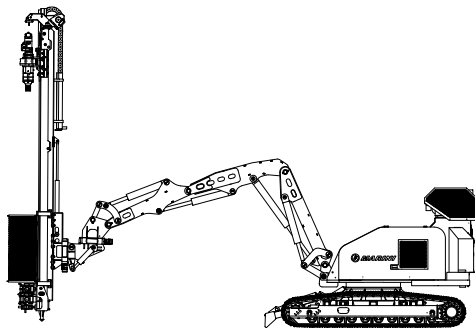


MODELLO MODEL	MR-C 10	MR-C 15	MR-C 20 / MR-C 20P
Potenza motore Engine power	17 Kw / 23 Hp	17 Kw / 23 Hp	33 Kw / 45 Hp
Corsa mast Mast stroke	1.260 - 1.760 mm / 4.1 - 5.7 ft	1.260 - 1.760 mm / 4.1 - 5.7 ft	1.300 - 1.800 mm / 4.26 - 5.9 lbf
Forza di spinta Feed force	1500 daN / 3.372 lbf	2.500 daN / 5.620 lbf	3.500 daN / 7.716 lbf
Forza di tiro Retract force	1500 daN / 3.372 lbf	2.500 daN / 5.620 lbf	3.500 daN / 7.716 lbf
Coppia rotary Rotary torque	350 daNm / 2.580 ft*lb	350 daNm / 2.580 ft*lb	500 daNm / 3.690 ft*lb
Giri rotary Rotary range	40 rpm	40 rpm	40 - 80 rpm
Serraggio morse Clamp range	25 - 188 mm / 0.98 - 7.4 in	25 - 188 mm / 0.98 - 7.4 in	25 - 230 mm / 0.98 - 9 in
Peso Weight	1.300 Kg / 2.870 lbs	1.500 Kg / 3.300 lbs	3.800 Kg / 8.378 lbs

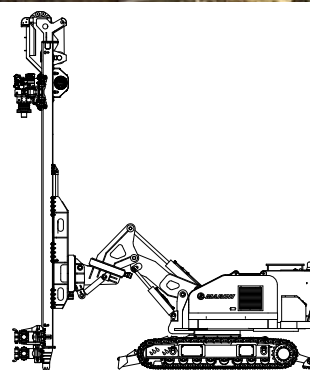
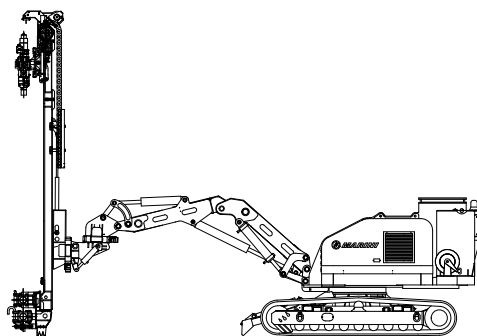


MODELLO MODEL	MR-C 30	MR-C 35 / MR-C 35A	MR-C 50
Potenza motore Engine power	33 - 55 Kw / 45 - 75 Hp	55 Kw / 75 Hp	85 - 103 Kw / 115 - 140 Hp
Corsa mast Mast stroke	1.200 - 2.200 mm / 3.93 - 7.21 ft	1.300 - 3.300 mm / 4.26 - 10.82 ft	1.800 - 3.500 mm / 5.9 - 11.5 ft
Forza di spinta Feed force	3.500 daN / 7.716 lbf	3.500 daN / 7.716 lbf	5.000 daN / 11.023 lbf
Forza di tiro Retract force	3.500 daN / 7.716 lbf	3.500 daN / 7.716 lbf	5.000 daN / 11.023 lbf
Coppia rotary Rotary torque	500 - 1000 daNm / 3.690 - 7.375 ft*lb	1000 daNm / 7.375 ft*lb	1.350 daNm / 9.957 ft*lb
Giri rotary Rotary range	40 - 90 rpm	40 - 90 rpm	45 - 160 rpm
Serraggio morse Clamp range	25 - 230 mm / 0.98 - 9 in	25 - 310 mm / 0.98 - 12.2 in	25 - 330 mm / 0.98 - 13 in
Peso Weight	3.000 + 2.000 Kg / 6.615 + 4.410 lbs	6.000 Kg / 13.227 lbs	9.000 Kg / 19.840 lbs

HYDRAULIC CRAWLER DRILL RIGS



MODELLO MODEL	MR-C 80	MR-C 85 / MR-C 85A
Potenza motore Engine power	85 Kw / 115 Hp	85 Kw / 115 Hp
Corsa mast Mast stroke	1.800 - 3.500 mm / 5.9 - 11.5 ft	1.800 - 3.500 mm / 5.9 - 11.5 ft
Forza di spinta Feed force	2.500 daN / 5.620 lbf	3.500 daN / 7.716 lbf
Forza di tiro Retract force	2.500 daN / 5.620 lbf	3.500 daN / 7.716 lbf
Coppia rotary Rotary torque	500 daNm / 3.690 ft*lb	1000 daNm / 7.375 ft*lb
Giri rotary Rotary range	40 - 80 rpm	40 - 90 rpm
Serraggio morse Clamp range	25 - 188 mm / 0.98 - 7.4 in	25 - 230 mm / 0.98 - 9
Peso Weight	10.500 Kg / 13.250 lbs	11.800 Kg / 26.015 lbs



MODELLO MODEL	MR-C 90	MR-C 95 / MR-C 95P
Potenza motore Engine power	103 - 115 Kw / 140 - 154 Hp	103 - 130 Kw / 140 - 175 Hp
Corsa mast Mast stroke	1.800 - 3.500 mm / 5.9 - 11.5 ft	2.500 - 7.500 mm / 8.2 - 24.6 ft
Forza di spinta Feed force	6000 daN / 13.330 lbf	8.000 daN / 17.637 lbf
Forza di tiro Retract force	6000 daN / 13.330 lbf	8.000 daN / 17.637 lbf
Coppia rotary Rotary torque	1.600 daNm / 11.800 ft*lb	2.400 daNm / 17.700 ft*lb
Giri rotary Rotary range	40 - 160 rpm	40 - 140 rpm
Serraggio morse Clamp range	25 - 330 mm / 0.98 - 13 in	70 - 520 mm / 2.75 - 20.47 in
Peso Weight	14.500 Kg / 31.970 lbs	24.000 Kg / 52.910 lbs



MR- P Line

COMPACT PILING RIGS

MR-P LINE



Introdotta nel 2019 per rispondere alla crescente domanda di perforatrici cingolate compatte per grandi diametri, la linea **MR-P** propone una serie di macchinari sviluppati su misura per cantieri che richiedono la realizzazione di pali trivellati (**BP**), con o senza rivestimento, e pali **CFA** (Continuous Flight Auger).

Introduced in 2019 to meet the growing demand for large-diameter compact drilling rigs, the MR-P line offers a range of machines specifically designed for projects requiring the execution of bored piles (BP), with or without casing, and CFA piles (Continuous Flight Auger).

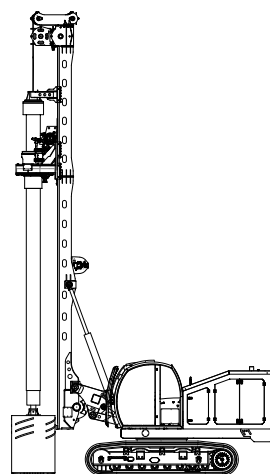
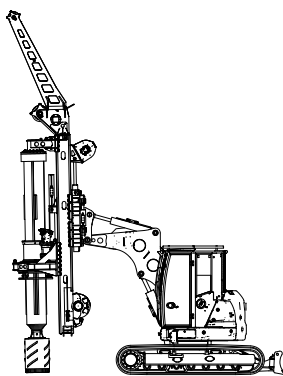
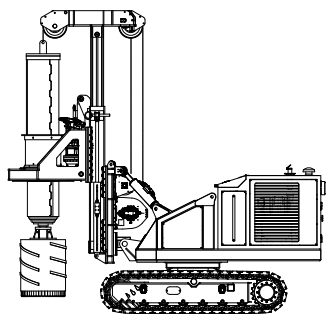
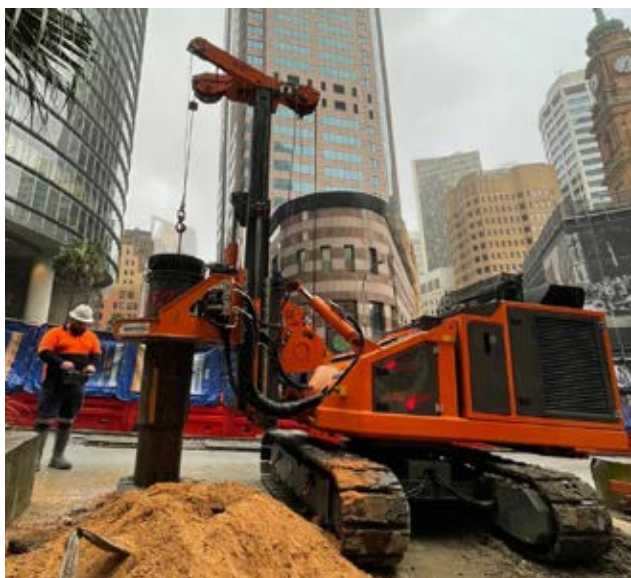


MR-P



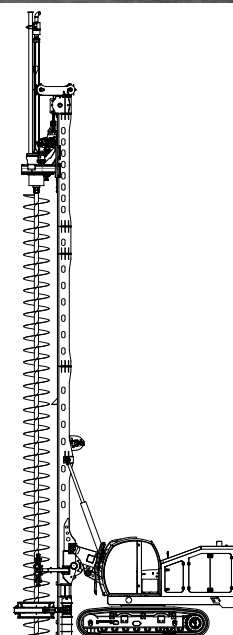
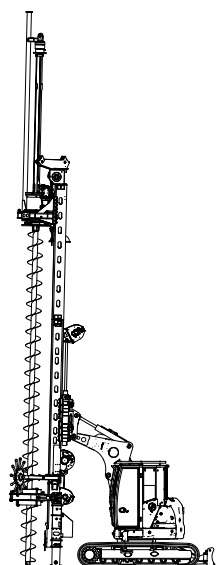
Line

BP PILING RIGS



MODELLO MODEL	MR-P 350	MR-P 400 BP	MR-P 750 BP
Potenza motore Engine power	55 Kw / 75 Hp	55 Kw / 75 Hp	103 Kw / 140 Hp
Forza di spinta Feed force	9.000 daN / 19.840 lbf	9.000 daN / 19.840 lbf	10.000 daN / 22.500 lbf
Forza di tiro Retract force	6.000 daN / 13.228 lbf	6.000 daN / 13.228 lbf	10.000 daN / 22.500 lbf
Coppia rotory Rotary torque	3.500 daN / 25.815 ft*lb	4.000 daNm / 29.500 ft*lb	7.500 daNm / 55.318 ft*lb
Giri rotory Rotary range	60 rpm	75 rpm	75 rpm
Profondità scavo Drilling depth	18 mt / 59 ft	27 mt / 88.5 ft	32 mt / 105 ft
Diametro max Max Diameter	1.200 mm / 47.2 in	1.200 mm / 47.2 in	1.200 mm / 47.2 in
Peso Weight	9.000 Kg / 19.850 lbs	16.900 Kg / 37.250 lbs	26.600 Kg / 58.645 lbs

CFA PILING RIGS

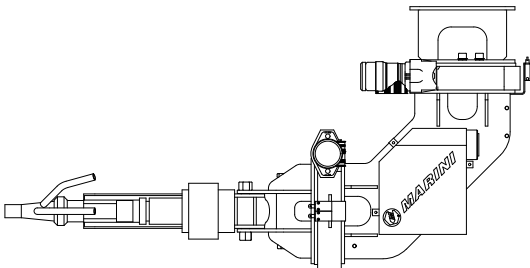
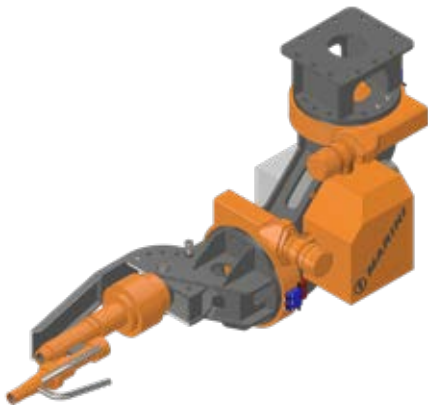


MODELLO MODEL	MR-P 400 CFA	MR-P 750 CFA
Potenza motore Engine power	55 Kw / 75 Hp	103 - 115 Kw / 140 - 154 Hp
Forza di spinta Feed force	5.000 daN / 11.020 lbf	10.000 daN / 22.500 lbf
Forza di tiro Retract force	18.000 daN / 39.680 lbf	22.000 daN / 48.500 lbf
Coppia rotary Rotary torque	4.000 daNm / 29.500 ft*lb	7.500 daNm / 55.318 ft*lb
Giri rotary Rotary range	75 rpm	75 rpm
Profondità scavo Drilling depth	11 mt / 36 ft	17 mt / 55.7 ft
Diametro max Max Diameter	600 mm / 23.6 in	800 mm / 31.5
Peso Weight	16.100 Kg / 35.495 lbs	24.700 Kg / 54.455 lbs



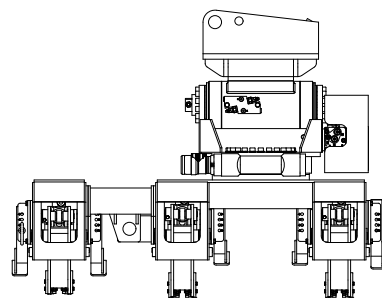
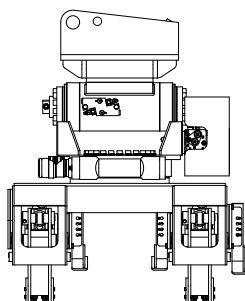
TOOLS & ACCESSORIES

SPRITZ BETON / SHOTCRETE



MODELLO MODEL	MR-SB
Pressione idraulica Working pressure	180 bar (2.610 psi)
Portata olio Hydraulic flow	35 lpm (9.2 gpm)
Velocità rotazione Rotation speed	60 rpm
Taglia escavatore Excavator class	> 4 Ton (8.800 lbs)
Peso Unità Unit weight	300 ÷ 400 Kg (661 ÷ 881 lbs)

ROD AND CASING MANIPULATOR



MODELLO MODEL	MRH 2	MRH 3
Numero di morse Gripping assembly	2 morse / 2 clamps	3 morse / 3 clamps
Diametro di presa Clamping range	70 - 330 mm / 2,75 - 13 in	70 - 330 mm / 2,75 - 13 in
Lunghezza asta singola Single rod length	1500 - 6000 mm / 4,92 - 20 ft	2000 - 6000 mm / 6,56 - 20 ft
Lunghezza asta + rivestimento Rod + casing length	1500 - 3000 mm / 4,92 - 10 ft	2000 - 4500 mm / 6,56 - 14,76 ft
Capacità di sollevamento Lifting capacity	550 Kg / 1.210 lbs	600 Kg / 1.320 lbs
Alimentazione idraulica Hydraulic supply	40 lpm @ 250 bar / 10,5 gpm @ 3625 psi	40 lpm @ 250 bar / 10,5 gpm @ 3625 psi
Sistema di controllo Control system	Joystick (12V or 24V)	Joystick (12V or 24V)
Peso Unità Unit weight	650 Kg / 1.100 - 1.433 lbs	750 Kg / 1.654 lbs
Taglia escavatore Excavator size	8 ÷ 10 Ton (17.636 ÷ 22.046 lbs)	10 ÷ 14 Ton (22.046 ÷ 30.864 lbs)

CENTRALINE IDRAULICHE / HYDRAULIC POWER PACK

23-D



40-E



45-D



MODELLO MODEL	20 - E	23 - D	30 - E	40 - E	45 - D
Motore Engine	Electric	Diesel	Electric	Electric	Diesel
Potenza motore Engine power	15 Kw / 20 Hp	17 Kw / 23 Hp	22 Kw / 30 Hp	29 Kw / 40 Hp	33 Kw / 45 Hp
Portata Flow	40 lpm / 10.56 gpm	40 lpm / 10.56 gpm	65 lpm / 17.17 gpm	90 lpm / 23.78 gpm	90 lpm / 23.78 gpm
Pressione Pressure	180 bar / 2.610 psi	180 bar / 2.610 psi	200 bar / 2.900 psi	200 bar / 2.900 psi	200 bar / 2.900 psi
Peso Weight	330 Kg / 727 lbs	380 Kg / 838 lbs	680 Kg / 1.499 lbs	800 Kg / 1.765 lbs	800 Kg / 1.765 lbs

75-E



75-D



115-D



MODELLO MODEL	75 - D	75 - E	115 - D	140 - D
Motore Engine	Diesel	Electric	Diesel	Diesel
Potenza motore Engine power	55 Kw / 75 Hp	55 Kw / 75 Hp	85 Kw / 115 Hp	103 Kw / 140 Hp
Portata Flow	160 lpm / 42.26 gpm	160 lpm / 42.26 gpm	250 lpm / 66.1 gpm	270 lpm / 71.3 gpm
Pressione Pressure	200 bar / 2.900 psi	200 bar / 2.900 psi	250 bar / 3.630 psi	250 bar / 3.630 psi
Peso Weight	1.350 Kg / 2.976 lbs	1.410 Kg / 3.110 lbs	1.950 Kg / 4.300 lbs	2.300 Kg / 5.070 lbs

POMPE PER INIEZIONE / INJECTION PUMPS

PM 1

MODELLO MODEL	PM 1
Motore Motor	1.25 Kw
Alimentazione Feed	Air
Velocità di rotazione Rotation speed	60 - 300 rpm
Tempo di miscelazione Mixing time	2 min
Portata Flow rate	38 l/h
Pressione Pressure	50 bar
Rumore Sound level	87 dBa max
Peso Unità Unit weight	80 Kg / 177 lbs
Dimensioni Dimension	H: 120 cm - W: 68 cm - D: 70 cm
Taglia escavatore Excavator size	8 ÷ 10 Ton (17.636 ÷ 22.046 lbs)



PM 2 - PM 2 T

MODELLO MODEL	PM 2 T	PM 2 ID
Motore Motor	4 Kw	30 - 50 l/min - 150 bar
Alimentazione Feed	Electric	Hydraulic
Velocità di rotazione Rotation speed	240 - 400 rpm	240 - 400 rpm
Tempo di miscelazione Mixing time	2 min	2 min
Portata Flow rate	240 - 2700 l/h	240 - 2700 l/h
Pressione Pressure	60 - 70 Bar	60 - 70 Bar
Rumore Sound level	87 dBa max	87 dBa max
Peso Unità Unit weight	180 Kg / 397 lbs	180 Kg / 397 lbs



CONSUMABILI / CONSUMABLES

TIPO TYPE

Martelli fondo foro
DTH hammers



TIPO TYPE

Aste da perforazione
Drill rods

Aste coniche
Conical drill rods

Fioretti
Drill steel



TIPO TYPE

Punte
Drill bits

Punte eccentriche
Overburden bits



TIPO TYPE

Tubi di rivestimento
Casings

Scarpe
Casing shoes



TIPO TYPE

Trascinatori
Casing drivers

Adattatori
Adapters



NOTE

[illegible]



MARINI SRL

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