



BERETTA

T57 geo

Perforatrice Idraulica • Hydraulic Drilling



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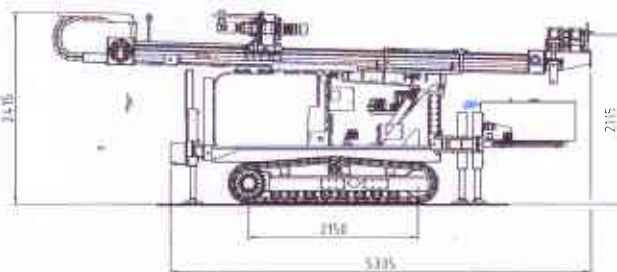
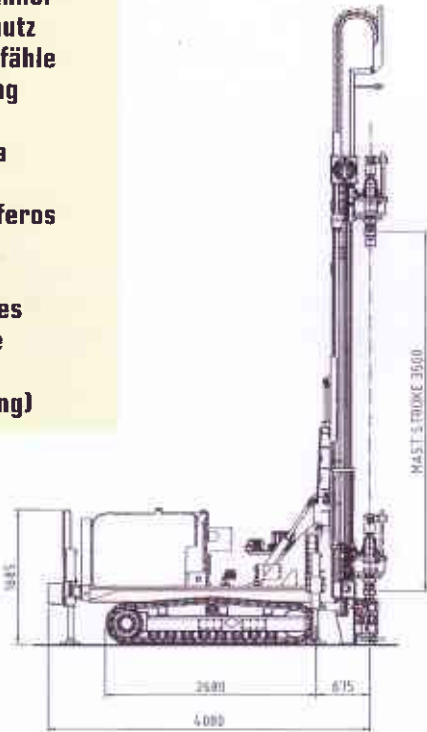
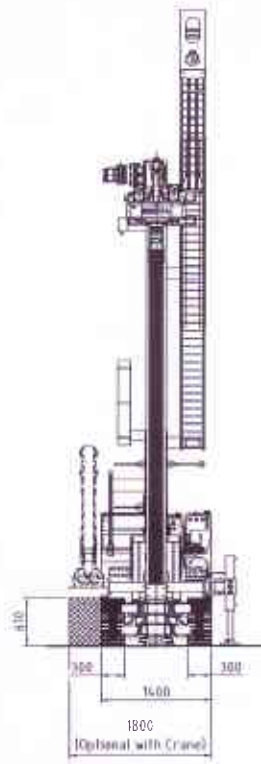
- Geotermica
- Sondaggi
- Pozzi acquiferi
- Protezione ambientale
- Micropali
- Jet-grouting

- Geothermal
- Test holes
- Water wells
- Environmental protection
- Micropiles
- Jet-grouting

- Géothermie
- Sondages
- Puits aquifères
- Protection de l'environnement
- Micro-pieux
- Mortier liquide (jet-grouting)

- Geothermiearbeiteng
- Aufschlußbohrungen
- Wasserbrunnen
- Umweltschutz
- Kleinbohrpfähle
- Jet-grouting

- Geotérmica
- Sondeos
- Pozos acuíferos
- Protección ambiental
- Micropilotes
- Lechada de cemento (jet-grouting)



T 57 geo

Le perforatrice T57GEO è una macchina estremamente performante con delle dimensioni e peso molto contenute.

Grazie alla affidabilità e semplicità del suo impianto idraulico ha un basso costo di manutenzione.

Ha una grande scelta di equipaggiamenti per poter essere allestita per lavori di geotermia, sondaggi, pozzi d'acqua, micropali ecc.

Tutte le nostre macchine sono progettate e costruite in conformità alla Direttiva Macchine 98/37 CEE e successive modifiche. Inoltre durante la progettazione abbiamo posto particolare riguardo alla sicurezza, al rispetto ambientale e alla ergonomia di utilizzo.

Il nostro sistema di qualità è certificato secondo la norma UNI EN ISO 9001.

Optional • Gru idraulica di servizio • Doppia testa di rotazione • Caricatore manuale magnetico per aste e tubi di rivestimento con radiocomando • Terza morsa idraulica • Preventer convogliatore polveri di perforazione • Martello idraulico esterno • Rotary Casing MDR324 • Pompa dell'acqua • Pompa fango • Pompa cemento • Pompa scarotatrice.

T57 geo

The T57GEO drilling machine offers top performance while being extremely compact in terms of size and weight.

Thanks to the reliability and simplicity of its hydraulic system, maintenance costs are low.

It can be fitted out with a broad assortment of equipment, making it suitable for geothermal drilling, drill holes, water wells, micropiles, etc.

All our machines are designed and built in conformity with Machine Directive EEC and subsequent amendments. Furthermore, during the design stage, we have focused special attention on safety, respect for the environment and ergonomics.

Our quality system is certified in accordance with UNI EN ISO 9001 standards.

Optional • Hydraulic service crane • Double rotary drill head • Manual magnetic loader for rods and casings with remote control • Third hydraulic vice • Preventer - drilling dust conveyor • Hydraulic drifter • Rotary Casing MDR324 • Water pump • Mud pump • Cement pump • Sample ejection pump.

T57 geo

La perforatrice T57GEO est une machine très performante, avec des dimensions et un poids très réduits.

Grâce à la fiabilité et à la simplicité de son installation hydraulique, son coût d'entretien est faible.

Elle offre un grand choix d'équipements lui permettant d'effectuer les travaux de géothermie, sondages, puits d'eau, micropieux, etc.

Toutes nos machines sont conçues et construites conformément à la Directive Machines CEE et modifications suivantes. Lors de sa conception, nous avons prêté une attention particulière à la sécurité, au respect de l'environnement et à l'ergonomie d'utilisation.

Notre système de qualité est certifié selon la norme UNI EN ISO 9001.

Options • Grue hydraulique de service • Double tête de rotation • Chargeur manuel magnétique pour tiges et tubes de revêtement avec radiocommande • Troisième étau hydraulique • Préventif (convoyeur des poussières de forage) • Marteau hydraulique extérieur • Rotary Casing MDR324 • Pompe à eau • Pompe à boue • Pompe à ciment • Pompe de carottage.

T57 geo

Die Bohranlage T57GEO ist eine extrem leistungsfähige Maschine mit kleinen Abmessungen und niedrigem Gewicht.

Zuverlässigkeit und Einfachheit ihrer hydraulischen Anlage gewährleisten niedrige Wartungskosten.

Sie bietet vielseitige Ausstattungsmöglichkeiten für Geothermiearbeiten, Aufschlussbohrungen, Wasserbrunnen, Kleinbohrpfähle etc.

Alle unsere Maschinen sind den Anforderungen der Maschinenrichtlinie EWG entsprechend konzipiert und gebaut. Darüber hinaus legen wir während der Entwicklung besonderen Wert auf die Sicherheit, den Umweltschutz und die Gebrauchsergonomie.

Unser Qualitätssystem ist nach der Norm UNI EN ISO 9001 zertifiziert.

Zusatzausrüstung

• Hydraulische Service-Kram • Doppelter Drehkopf • Manuelles Magnetmagazin für Bohrstangen und Futterrohre, mit Fernbedienung • Dritte hydraulische Abfangzange • Preventer zur Beförderung von Bohrklein • Externer hydraulischer Hammer • Drehtisch MDR324 • Wasserpumpe • Schlammpumpe • Zementpumpe • Probenahmepumpe.

T57 geo

La perforadora T57GEO es una máquina de gran rendimiento con dimensiones y peso muy reducidos.

Tiene un bajo coste de mantenimiento gracias a la fiabilidad y sencillez de su instalación hidráulica.

Tiene una gran posibilidad de equipamientos para poder montarse para trabajos de geotermia, sondeos, pozos de agua, micropilotes, etc.

Todas nuestras máquinas están proyectadas y construidas conformemente a la Directiva Máquinas CEE y sucesivas modificaciones. Además, durante el proyecto hemos cuidado especialmente la seguridad, el respeto del ambiente y la ergonomía de utilización.

Nuestro sistema calidad está certificado según la norma UNI EN ISO 9001.

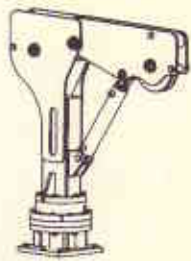
Accesorios opcionales

• Grúa hidráulica de servicio • Cabeza de rotación doble • Cargador manual magnético para barras y tubos de revestimiento, con mando a distancia • Tercera mordaza hidráulica • Dispositivo de prevención encauzador de polvos de perforación • Martillo hidráulico exterior • Carcasa giratoria MDR324 • Bomba de agua • Bomba de lodos • Bomba de cemento • Bomba de muestreo.

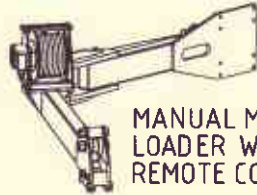




Hydraulic Drilling T57Geo • Optional

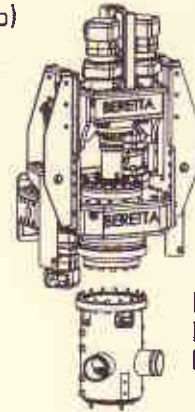


REVOLVING DERRICK FOR WINCH



MANUAL MAGNETIC LOADER WITH REMOTE CONTROL

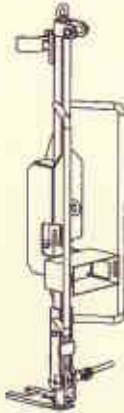
PULL PUSH
9 Ton (opt. 14 Ton)
20322 lb (opt. 31475 lb)



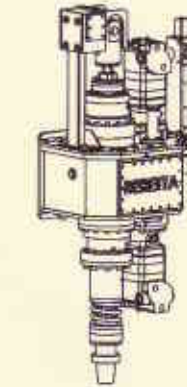
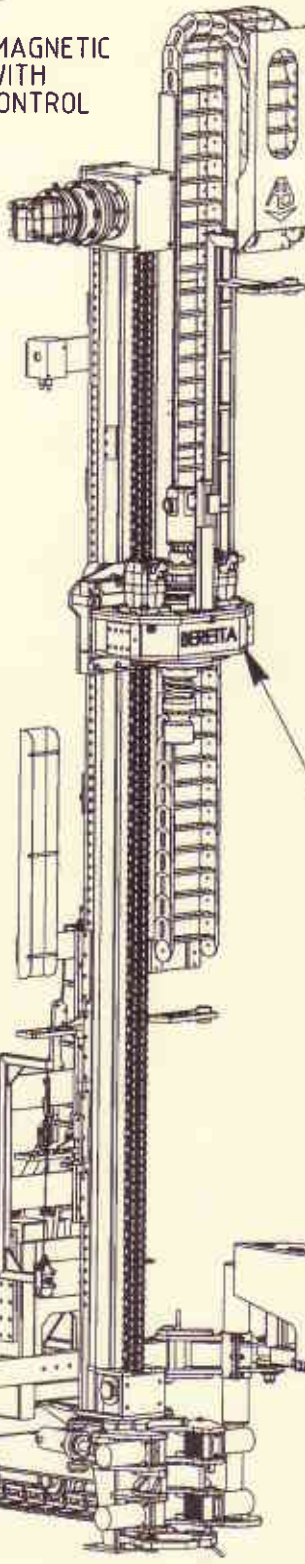
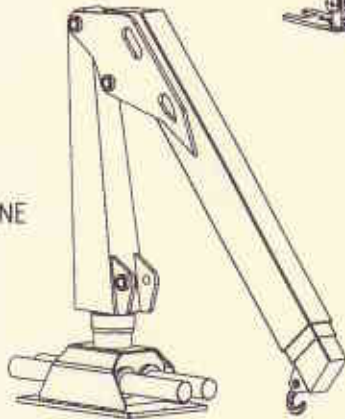
DOUBLE HEAD
RMS 415



WINCH



CRANE

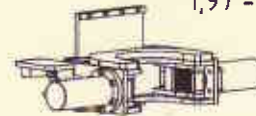


PREVENTER FOR
DOUBLE HEAD
RMS 415

ROTARY HEAD
150-5V

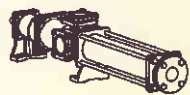
- ROTARY HEAD 2-V
STANDARD "541500"

SIMPLE SLIDING CLAMP
Ø50 - Ø324 mm
1,97 - 12,76 in



DIESEL
107 Kw
145 Hp

ROTARY CASING
MDR 324

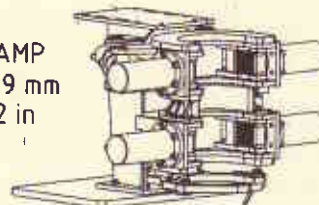


SCREW MUD PUMP



WATER PUMP

DOUBLE CLAMP
Ø50 - Ø219 mm
1,97 - 8,62 in



DOUBLE CLAMP
Ø50 - Ø324 mm
1,97 - 12,76 in



Caratteristiche tecniche

MOTORE DIESEL SILENZIATO

tipo
potenza
rumorosità motore
capacità serbatoio gasolio

CARRO CINGOLATO

velocità
pendenza massima superabile
pressione specifica al suolo
larghezza pattini
larghezza carro cingolato
larghezza carro cingolato con gru

SLITTA

corsa carrello testa rotazione
tiro-spinta massimo motoriduttore
velocità salita-discesa rapida

TESTA ROTAZIONE STANDARD 541500

coppia massima
giri
diametro passaggio interno per jet-grouting
numero marce
corsa spostamento laterale
nota: a richiesta si possono avere diverse coppie e numeri di giri

TESTA ROTAZIONE OPTIONAL 150 5V

coppia massima
giri
diametro passaggio interno per jet-grouting
numero marce
corsa spostamento laterale
nota: a richiesta si possono avere diverse coppie e numeri di giri

TESTA ROTAZIONE OPTIONAL RMS 415

coppia massima testa
per tubi rivestimento
giri testa per tubi rivestimento
numero marce
coppia max testa per aste di perforazione
giri testa per aste di perforazione
numero marce
corsa spostamento laterale
nota: a richiesta si possono avere diverse coppie e numeri di giri

MORSA STANDARD

diametri bloccaggio

forza di chiusura
coppia svitamento

GRU DI SERVIZIO

peso massimo
peso massimo
peso massimo
peso massimo

ARGANO - OPTIONAL

diametro fune
capacità fune
tiro massimo
velocità massima

ALTRI OPTIONALS

caricatore manuale magnetico con radiocomando
terza morsa idraulica
preventer convogliatore polveri di perforazione
martello idraulico esterno
pompa dell'acqua
pompa fango a vite
pompa cemento
pompa scarotatrice

IMPIANTO IDRAULICO

nr. 5 pompe a ingranaggi
pressione massima
capacità serbatoio idraulico

PESO TOTALE MACCHINA

Technical data

SILENCED DIESEL ENGINE

type
power
noise engine
fuel tank capacity

CRAWLERS

speed
max gradeability
ground bearing pressure
shoe width
crawlers width
crawlers width with crane

MAST

stroke of rotary head
ratiomor pull-push
rapid up-down speed

STANDARD ROTARY HEAD 541500

max torque
speed
inside diameter for jet grouting
speed number
sideways travel stroke
other performances upon request

OPTIONAL 150 5V ROTARY HEAD

max torque
speed
inside diameter for jet grouting
speed number
sideways travel stroke
other performances upon request

OPTIONAL RMS415 ROTARY HEAD

max torque rotary head
for casings
speed rotary head for casings
speed number
max torque rotary head for drilling rods
speed rotary head for drilling rods
speed number
sideways travel stroke
other performances upon request

STANDARD CLAMP

blocking diameter

clamping force
brack-out torque

SERVICE CRANE

max weight
max weight
max weight
max weight

WINCH - OPTIONAL

rope diameter
rope capacity
max line pull
max speed

OTHER OPTIONALS

Manual magnetic loader with remote control
third hydraulic clamp
drilling dust conveyor preventer
external hydraulic hammer
water pump
screw mud pump
concrete mud pump
sample ejection pump

HYDRAULIC SYSTEM

no. 5 gear pumps
max pressure
oil sump capacity

TOTAL MACHINE WEIGHT

PERKINS 1104D.E44TA
107 KW
71 dBA
140 l

0 - 3 km/h
55%
6,20 N/cm²
300 mm
1400 mm
1800 mm

3000 mm
90 KN-opt. 140 KN
26 m/min

1250 daNm
0 - 110 rpm
92 mm
2
470 mm

1440 daNm
0 - 600 rpm
92 mm
5
470 mm

2000 daNm
opt. 2500 daNm
0-90 rpm/opt. 0-70 rpm
3
890 daNm
0 - 80 rpm
2
580 mm

50-219 mm
opt. 50 - 324 mm
205 KN
52 KNm

1930 kg - 1,95 m
1110 kg - 3,30 m
765 kg - 4,67 m
585 kg - 6,03 m

10 mm
50 m
15 KN
38 m/min

250 Bar
350 l

10,0 - 12,0 ton

U.M. U.S.A.

145 HP

36,4 gal

0 - 1,86 mph
55%
9,0 PSI
11,81 in
55,12 in
70,86 in

118,11 in
20232 lb-opt. 31475 lb
85,30 ft/min

9219 lb ft
0 - 110 rpm
3,62 in
2
18,50 in

10620 lb ft
0 - 600 rpm
3,62 in
5
18,50 in

14760 lb ft
opt. 18450 lb ft
0-90 rpm/opt. 0-70 rpm
3
6568 lb ft
0 - 80 rpm
2
22,84 in

1,97 - 12,76 in
opt. 1,97 - 12,76 in
46085 lb
37680 lb ft

4246 lb - 6,39 ft
2442 lb - 10,82 ft
1683 lb - 15,30 ft
1287 lb - 19,77 ft

0,39 in
164 ft
3372 lb
125 ft/min

3555 PSI
91,0 gal

22000 - 26400 lb



Beretta Alfredo s.r.l.

20045 BESANA IN BRIANZA (MB) - ITALIA - Via Vignareto, 10
Tel. +39(0)362 99.53.80 n.a. - Fax +39(0)362 99.57.08
www.berettaalfredo.it - e.mail: info@berettaalfredo.it

