



**Perforatrice Idraulica • Hydraulic Drilling**

**BERETTA**

**T59**



## Caratteristiche tecniche

### MOTORE DIESEL SILENZIATO

tipo  
potenza  
capacità serbatoio gasolio

### CARRO CINGOLATO

velocità  
pendenza massima superabile  
pressione specifica al suolo  
larghezza pattini

### SLITTA

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

### TESTA ROTAZIONE STANDARD 541500

coppia max  
giri  
numero marce  
corsa spostamento laterale  
nota: a richiesta si possono avere diverse coppie e numeri di giri

### TESTA ROTAZIONE OPTIONAL 56-4V

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

### MORSA STANDARD

diametri bloccaggio  
forza di chiusura  
coppia svitamento

### MORSA OPTIONAL

diametri bloccaggio  
forza di chiusura  
coppia svitamento

### ARGANO - STANDARD

diametro fune  
capacità fune  
tiro massimo  
velocità massima

### ALTRI OPTIONALS

pompa dell'acqua  
pompa fango a vite  
pompa cemento  
pompa scarotatrice  
martello idraulico esterno

### IMPIANTO IDRAULICO LOAD SENSING

pompe portata variabile  
pompe ingranaggi ausiliarie  
pressione massima  
capacità serbatoio idraulico

### PESO TOTALE MACCHINA

## Technical data

### SILENCED DIESEL ENGINE

type  
power  
fuel tank capacity

### CRAWLERS

speed  
max gradeability  
ground bearing pressure  
shoe width

### MAST

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

### STANDARD ROTARY HEAD 541500

max torque  
speed  
speed number  
sideways travel stroke  
other performances upon request

### OPTIONAL ROTARY HEAD 56-4V

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

### CLAMP - STANDARD

blocking diameter  
clamping force  
break-out torque

### CLAMP - OPTIONAL

blocking diameter  
clamping force  
break-out torque

### WINCH - STANDARD

rope diameter  
rope capacity  
max line pull  
max speed

### OTHER OPTIONALS

water pump  
screw mud pump  
concrete mud pump  
sample ejection pump  
external hydraulic hammer

### LOAD SENSING HYDRAULIC SYSTEM

proportioning pumps  
auxiliary gears pump  
max pressure  
oil sump capacity

### TOTAL MACHINE WEIGHT

DEUTZ BF4M2011  
65 Kw  
60 l

0 - 3 km/h  
55%  
7,1 N/cm<sup>2</sup>  
300 mm

3200 mm  
65KN  
40 m/min

10,15 KNm  
0 - 110 rpm  
2  
470 mm

10,46 KNm  
0 - 400 rpm  
4  
62 mm  
460 mm

50 - 219 mm  
140 KN  
52 KNm

50 - 324 mm  
140 KN  
52 KNm

8 mm  
50 m  
11 KN  
38 m/min

nr. 2x120 l/min  
nr. 2  
280 BAR  
320 l

7.7 TON

## U.M. - U.S.A.

88 HP  
15,8 gal

0 - 1,86 mph  
55%  
10,1 PSI  
11,81 in

125,98 in  
14330 lb  
131 ft/min

7355 lb ft  
0 - 110 rpm  
2  
18,50 in

7580 lb ft  
0 - 400 rpm  
4  
2,44 in  
18,11 in

1,97 - 8,62 in  
30864 lb  
37680 lb ft

1,97 - 12,75 in  
30864 lb  
37680 lb ft

0,315 in  
164 ft  
2425 lb  
125 ft/min

nr. 2x31,7 gal/min  
nr. 2  
3983 PSI  
86 gal

16975 lb

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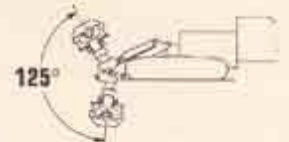
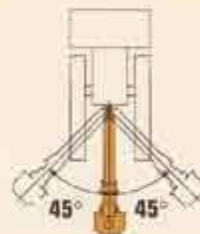
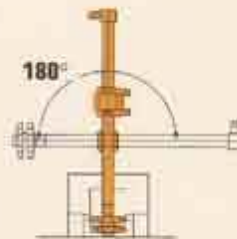
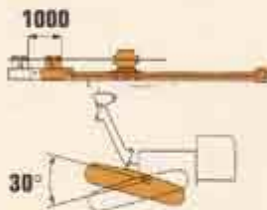
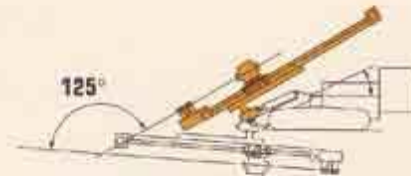
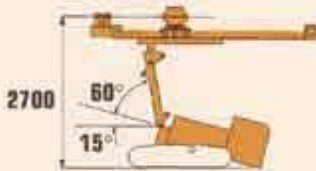
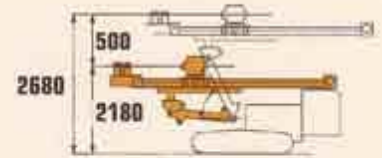
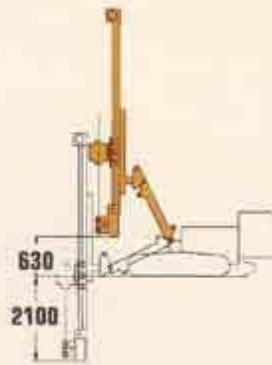
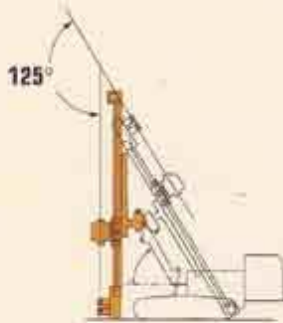
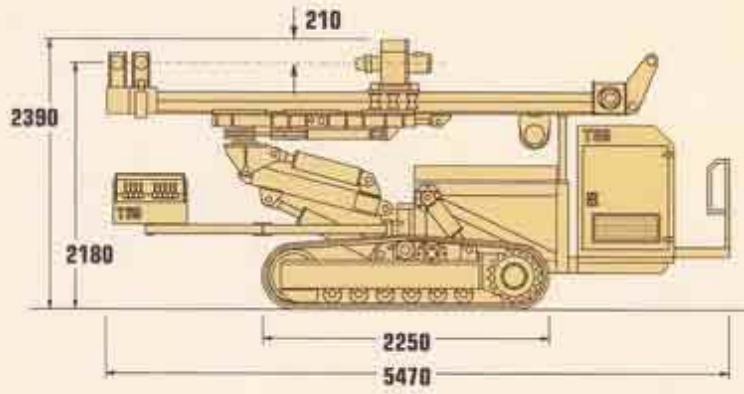
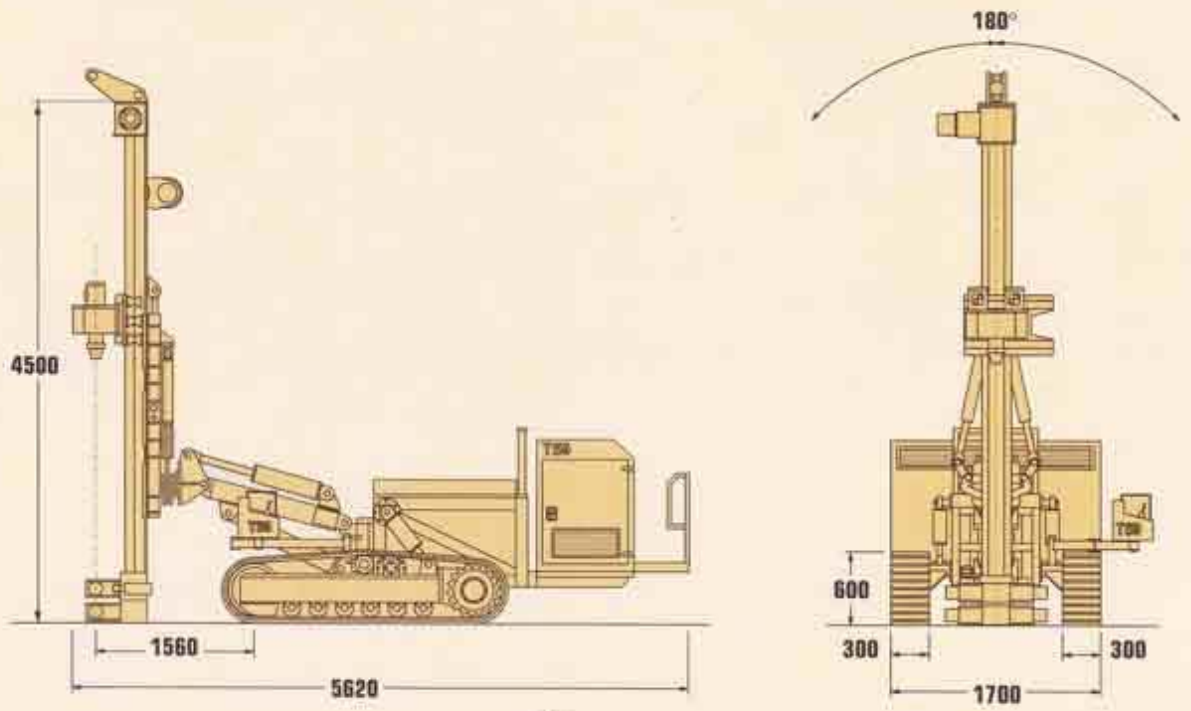
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ISO 9001 - Cert. n. 1323







**INDICATA PER:  
INDICATED FOR:**

- Micropali
- Tiranti
- Ancoraggi
- Sondaggi
- Pozzi acquiferi
- Protezione ambientale
- Restauri
- Jet-grouting

- Micropiles
- Tie-rods
- Anchors
- Test holes
- Water wells
- Environmental protection
- Restoration work
- Jet-grouting

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

- Kleinbohrpfähle
- Zuganker
- Verankerungen
- Aufschlußbohrungen
- Wasserbrunnen
- Umweltschutz
- Umbauten
- Jet-grouting

- Micropilotes
- Tirantes
- Anclajes
- Sondeos
- Pozos acuíferos
- Protección ambiental
- Restauraciones
- Lechada de cemento (jet-grouting)











## T59

È la perforatrice appositamente studiata per le nuove esigenze di cantiere. Infatti pur essendo estremamente compatta (larghezza 1700 mm) ha le qualità delle macchine di categoria superiore, come ad esempio: carro con cingoli basculanti; slitta standard con corsa per aste da 3,00 m, teste di rotazione e tiro spinta con prestazioni elevate. Ottima versatilità di posizionamento, impianto idraulico "load sensing", motore diesel completamente cofanato ed insonorizzato. Predisposizione all'utilizzo dei più svariati sistemi di perforazione, jet grouting, martello fondo foro, tricono, trilama 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 ed alla ergonomia di utilizzo.

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

### Optional

- Argano idraulico • Morsa idraulica doppia per diversi diametri • Lubrificatore per martello fondo foro • Pompa dell'acqua • Pompa schiuma • Pompa fango • Predisposizione per jet grouting • Martello idraulico esterno • Slitta in lunghezze personalizzate

## T59

This drilling machine has been specially designed for the new requirements of worksites. Though in fact extremely compact (width 1700 mm) it has all the features of superior category machines, such as, for instance: carriage with self-levelling tracks, standard mast with stroke for 3 m rods, high-performance rotary drill heads and pull-push. Excellent positioning versatility, "load sensing" hydraulic system, completely hooded and soundproofed diesel engine.

Ready for using a broad range of drilling systems, jet-grouting, down-the-hole hammer, external hammer, triple cone, triple-blade, etc.

All our machines are designed and built in conformity with Machine Directive 98/37 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 winch • Double hydraulic vice for various diameters • Lubricator for down-the-hole hammer • Water pump • Foam pump • Mud pump • Set for jet-grouting • External hydraulic hammer • Customised mast length

## T59

C'est la perforatrice spécialement conçue pour répondre aux nouveaux besoins des chantiers. Bien qu'extrêmement compacte (1700 mm de largeur), elle possède toute les qualités des machines de catégorie supérieure comme, par exemple : jige à chenilles basculantes, chariot standard avec course pour tiges de 3 m, têtes de rotation et trait-poussée aux grandes prestations. Très grande flexibilité de positionnement, installation hydraulique "load sensing", moteur diesel sous capot et insonorisé.

Déjà conçue pour l'utilisation des systèmes de perforation les plus divers, mortier liquide (jet-grouting), marteau fond de trou, marteau extérieur, triple cône, triple lame, etc.

Toutes nos machines sont conçues et construites conformément à la Directive Machines 98/37 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

- Treuil hydraulique • Double étau hydraulique pour différents diamètres • Graisseur pour marteau fond de trou • Pompe à eau • Pompe à mousse • pompe à boue • Jointement par mortier liquide (jet grouting) prévu • Marteau hydraulique extérieur • Chariot d'une longueur personnalisable

## T59

Diese Bohranlage wurde eigens für die neuen Baustellenanforderungen entwickelt. Trotz ihrer extremen Kompaktheit (Breite 1700 mm) bietet sie in der Tat die Vorteile von Maschinen höherer Kategorien wie Fahrwerk mit schrägstellbaren Raupenketten, Standard-Mast mit einer Vorschublänge für Bohrstangen von 3,00 m, Drehköpfe und Vorschub/Rückzugkraft mit hohen Leistungen, vielseitige Aufstellung, hydraulische Anlage "load sensing", vollständig verkleideter Dieselmotor mit Schalldämpfung, Vorbereitung für den Gebrauch der verschiedensten Bohrsysteme, jet-grouting, Imlochhammer, externer Hammer, Dreifachkegel, Dreifachmesser etc.

Alle unsere Maschinen sind den Anforderungen der Maschinenrichtlinie 98/37/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 Winde • Doppelte hydraulische Abfangzange für unterschiedliche Durchmesser • Spüleinnrichtung für Imlochhammer • Wasserpumpe • Schaumpumpe • Schlammpumpe • Vorbereitung für jet-grouting • Externer Hydraulikhammer • Mast in individueller Länge

## T59

Es la perforadora expresamente estudiada para las nuevas exigencias de las obras. Efectivamente, aun siendo extremadamente compacta (1.700 mm de ancho), posee las cualidades de las máquinas de categoría superior, como, por ejemplo: carro con orugas basculantes, comedera estándar con carrera para tubos de 3,00 m, cabezas de rotación y tiro-empuje con prestaciones elevadas. Óptima versatilidad de colocación, instalación hidráulica "load sensing", motor diesel completamente tapado e insonorizado.

Predisposición a la utilización de los más variados sistemas de perforación, lechada de cemento (jet-grouting), martillo fondo hoyo, martillo externo, tres conos, tres cuchillas, etc.

Todas nuestras máquinas están proyectadas y construidas conformemente a la Directiva Máquinas 98/37 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

- Argano hidráulico • Morsa hidráulica doble para diferentes diámetros • Lubricador para martillo fondo hoyo • Bomba del agua • Bomba espuma • Bomba fango • Predisposición para lechada de cemento (jet-grouting) • Martillo hidráulico externo • Comedera en longitudes personalizables