



Perforatrice Idraulica • Hydraulic Drilling

BERETTA

T57 - T57/S

## Caratteristiche tecniche

### MOTORE DIESEL SILENZIATO

tipo  
potenza  
rumorosità motore  
capacità serbatoio gasolio

### CARRO CINGOLATO

velocità  
pendenza massima superabile  
pressione specifica al suolo  
larghezza pattini  
apertura variabile carro

### SLITTA

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

### TESTA ROTAZIONE STANDARD

coppie max  
giri  
numero marce  
corsa spostamento laterale  
A richiesta diverse coppie e numeri di giri

### TESTA ROTAZIONE OPTIONAL

coppie max  
coppia massima opzionale  
giri  
numero marce  
corsa spostamento laterale  
A richiesta diverse coppie e numeri di giri

### MARTELLO IDRAULICO ESTERNO OPZ

numero colpi al minuto  
energia del colpo massima  
A richiesta altri tipi di martelli

### MORSA STANDARD

diametri bloccaggio

forze di chiusura  
coppie svitamento

### ARGANO - OPTIONAL

diametro fune  
capacità fune  
tiro massimo  
velocità massima

### ALTRI OPTIONALS

pompa dell'acqua - pompa fango e vite  
pompa cemento - pompa scarotracce

### T57 - IMPIANTO IDRAULICO

nr. 4 pompe a ingranaggi  
portata pompa nr. 1  
portata pompa nr. 2  
portata pompa nr. 3  
portata pompa nr. 4  
pressione massima  
capacità serbatoio idraulico

### T57/S-IMPIANTO IDRAULICO LOAD SENSING

nr. 2 pompe portata variabile:  
portata pompa nr. 1  
portata pompa nr. 2  
nr. 1 pompa a ingranaggi  
portata pompa nr. 3  
pressione massima  
capacità serbatoio idraulico

## Technical data

### SILENCED DIESEL ENGINE

type  
power  
noise engine  
fuel tank capacity

### CRAWLERS

speed  
max gradeability  
ground bearing pressure  
shoe width  
opening varying crawlers

### MAST

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

### STANDARD ROTARY HEAD

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

### OPTIONAL ROTARY HEAD

max torque  
optional max torque  
speed  
speed number  
sideways travel stroke  
Other performances upon request

### OPT. EXTERNAL HYDRAULIC HAMMER

impact frequency  
max impact energy  
Other hammers upon request

### CLAMP STANDARD

blocking diameter

clamping force  
break-out torque

### WINCH - OPTIONAL

rope diameter  
rope capacity  
max line pull  
max speed

### OTHER OPTIONALS

water pump - screw mud pump  
concrete mud pump - sample ejection pump

### T57 - HYDRAULIC SYSTEM

no. 4 gears pumps  
oil flow pump no. 1  
oil flow pump no. 2  
oil flow pump no. 3  
oil flow pump no. 4  
max pressure  
oil sump capacity

### T57/S - LOAD SENSING HYDRAULIC SYSTEM

no. 2 proportioning pumps:  
oil flow pump no. 1  
oil flow pump no. 2  
no. 1 gears pump  
oil flow pump no. 3  
max pressure  
oil sump capacity

T57

PERKINS 1104D.44TA  
83 Kw (110 HP)  
71 dBA  
100 l (27 gal)

0-3 km/h (0 - 1,86 mph)  
55%  
5,92 N/cm<sup>2</sup> (8,59 PSI)  
300 mm (11,81 in)  
1200-1800 mm  
(47,24-70,87 in)

3500 mm (137,80 in)  
65 KN (14612 lb)  
32 m/min (105 ft/min)

\*541500 manual  
1100 daNm (8113 lb ft)  
0 - 100 rpm  
2  
470 mm (18,50 in)

\*47 4V" manual  
1100 daNm (8113 lb ft)  
1500 daNm (11063 lb ft)  
0-370 rpm (opt. 500 rpm)  
4  
460 mm (18,10 in)

TEI ROCK TE550  
2700 BPM  
400 Nm (300 ft lbs)

50-219 mm (1,57-8,62 in)  
opt. 50-324 mm  
140 KN (30864 lb)  
52 KNm (37680 lb ft)

8 mm (0,315 in)  
50 m (164 ft)  
11 KN (2425 lb)  
34 m/min (112 ft/min)

94 l/min (24,83 gal/min)  
48 l/min (12,70 gal/min)  
48 l/min (12,70 gal/min)  
26 l/min (6,90 gal/min)  
250 Bar (3555 PSI)  
370 l (97,80 gal)

T57/S

PERKINS 1104D.E44TA  
107 Kw (143 HP)  
71 dBA  
100 l (27 gal)

0-3 km/h (0 - 1,86 mph)  
55%  
7,10 N/cm<sup>2</sup> (10,30 PSI)  
300 mm (11,81 in)  
1200-1800 mm  
(47,24-70,87 in)

3500 mm (137,80 in)  
90 KN (20232 lb)  
36 m/min (118 ft/min)

\*541500 hydraulic  
1250 daNm (9220 lb ft)  
0 - 100 rpm  
2  
470 mm (18,50 in)

\*57 4V" hydraulic  
1250 daNm (9220 lb ft)  
1700 daNm (12539 lb ft)  
0-370 rpm (opt. 500 rpm)  
4  
460 mm (18,10 in)

TEI ROCK TE550  
2700 BPM  
400 Nm (300 ft lbs)

50-219 mm (1,57-8,62 in)  
opt. 50-324 mm  
140 KN (30864 lb)  
52 KNm (37680 lb ft)

10 mm (0,394 in)  
50 m (164 ft)  
20 KN (4408 lb)  
34 m/min (112 ft/min)

190 l/min (50,20 gal/min)  
190 l/min (50,20 gal/min)

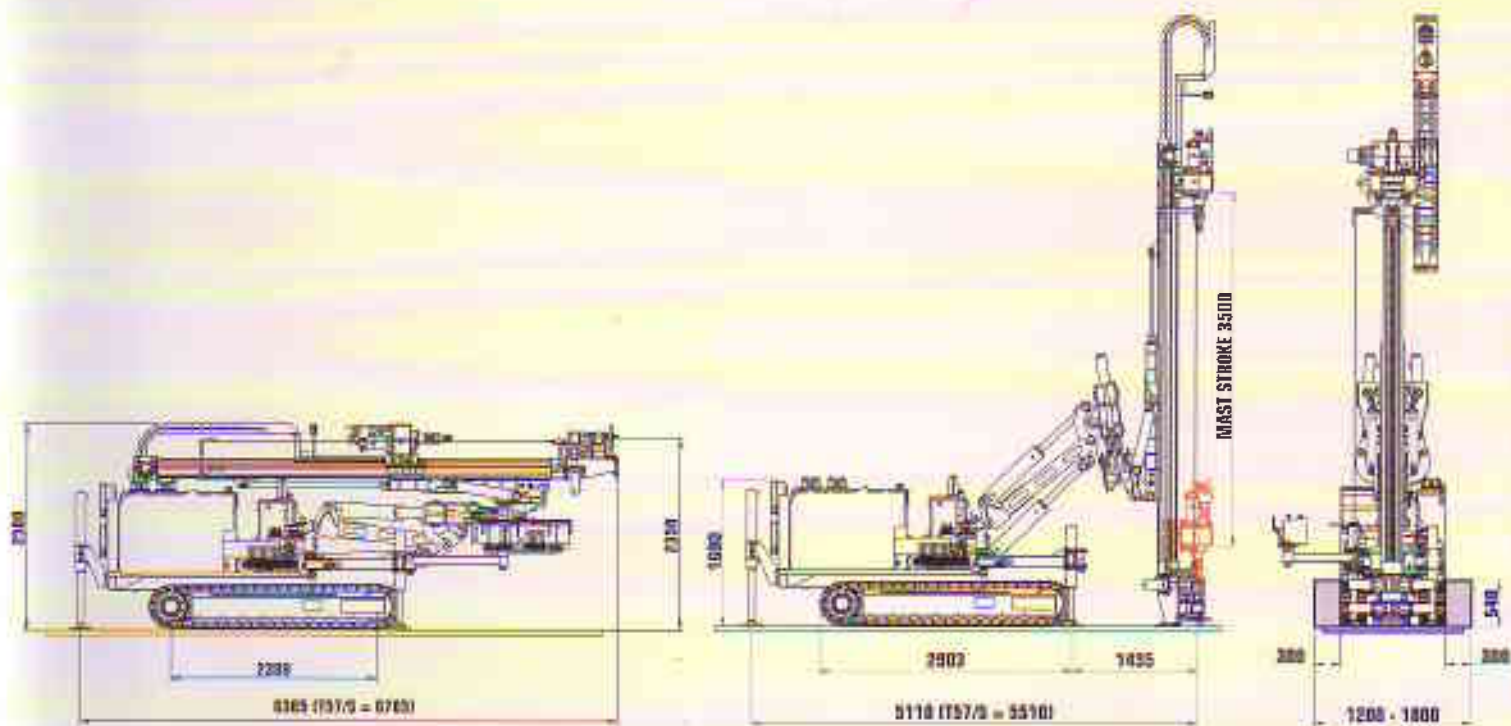
40 l/min (10,60 gal/min)  
280 Bar (3982 PSI)  
370 l (97,80 gal)

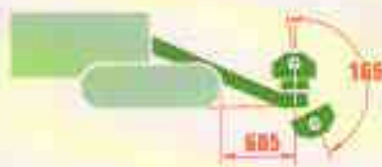
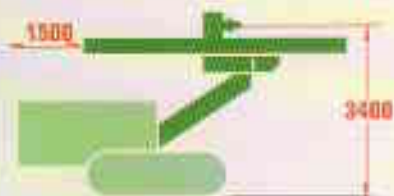
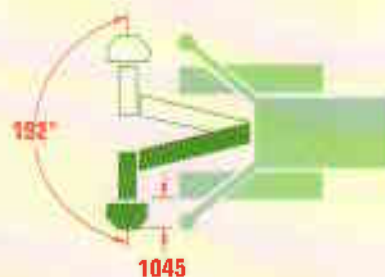
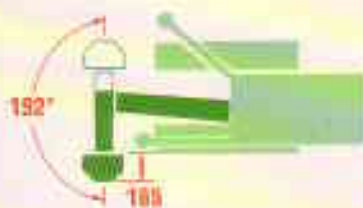
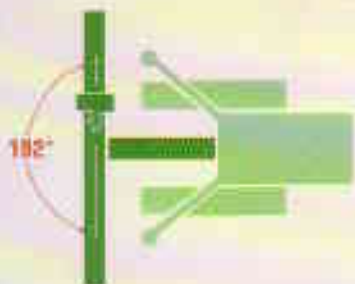
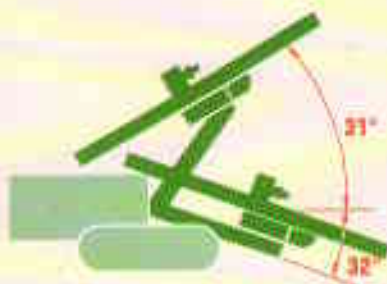
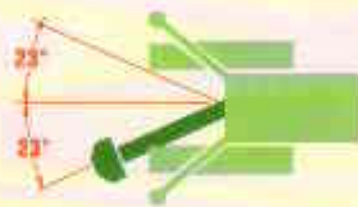
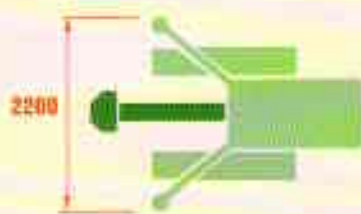
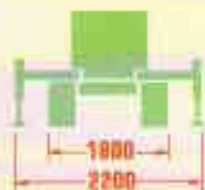


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**INDICATA PER:  
INDICATED FOR:**

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

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

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

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

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





## T57 - T57/S

Le perforatrici idrauliche T57 e T57/S vanno a soddisfare un mercato molto vasto. Esse sono ideate per essere utilizzate con elevata produttività sia in piccoli che grandi cantieri. I punti di forza sono l'eccellente movimentazione del gruppo portabore, l'estrema compattezza in relazione alle prestazioni e la rumorosità molto contenuta.

Tutte le nostre macchine sono progettate e costruite in conformità alla Direttiva Macchine 88/37 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 • Morse idraulico doppio per diversi diametri • Lubrificatore per martello fondo foro • Pompa dell'acqua • Pompa schiuma • Pompa fango • Predisposizione per jet grouting • Martelli idraulici esterni • Slitta in lunghezze personalizzate



## T57 - T57/S

The T57 and T57/S hydraulic drilling machines cater for a very broad market. They are ideal for use with high outputs on both small and large workites. The strong points of these units are the excellent handling of the drill head assembly, the extremely compact structure with respect to performance and the reduced noise levels. All our machines are designed and built in conformity with machine directive 88/37 EEC and subsequent amendments. Moreover, in designing the machine, special focus has been placed on safety, environment friendliness and operating ergonomics. Our quality system is certified in accordance with UNI EN ISO 9001 standards.

**Optional:** • Hydraulic winch • Double hydraulic vise for various diameters • Lubricator for down-the-hole hammer • Water pump • Foam pump • Mud pump • Ready for jet-grouting • External hydraulic hammer • Customised mast length



## T57 - T57/S

Les perforatrices hydrauliques T57 et T57/S satisfont un marché très vaste. Leur utilisation est idéale sur les petits et sur les grands chantiers, assurant une grande productivité.

Les points forts sont l'excellent mouvement du groupe porte-bore, la très grande compacité par rapport aux performances et le bruit très limité.

Toutes nos machines sont conçues et construites conformément à la directive machines 88/37 CEE et modifications successives. Nous avons, par ailleurs, prêté une grande attention, pendant la conception, 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 • Etau hydraulique double 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 externe • Châssis d'une longueur personnalisable



## T57 - T57/S

Die hydraulischen Bohranlagen T57 und T57/S entsprechen den Anforderungen eines breiten Marktes.

Sie sind ideal für den Gebrauch mit hoher Produktivität auf kleinen und großen Baustellen. Ihre Stärken liegen in der hervorragenden Handhabung der Böhreinheit, der hohen Kompaktheit im Verhältnis zu den Leistungen und der geringen Lärmentwicklung.

Alle unsere Maschinen sind in Übereinstimmung mit der Maschinenrichtlinie 88/37/EWG in der geltenden Fassung konzipiert und gebaut. Während der Projektierung gilt unsere besondere Aufmerksamkeit der Sicherheit, dem Umweltschutz und der Anwendungsergonomie.

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

**Zusatzausrüstung:** • Hydraulische Winde • Doppelte hydraulische Abfangzange für unterschiedliche Durchmesser • Spülrichtung für Inmischhammer • Wasserpumpe • Schaumpumpe • Schlammpumpe • Vorbereitung für jet-grouting • Externer Hydraulikhammer • Mast in individueller Länge

## T57 - T57/S

Las perforadoras hidráulicas T57 y T57/S satisfacen un mercado muy amplio. Son las ideales para utilizarse tanto en obras pequeñas como grandes, con productividad alta.

Los puntos fuertes son el movimiento excelente del grupo portabore, el carácter muy compacto respecto a las prestaciones y el ruido muy bajo que provoca.

Todas nuestras máquinas se proyectan y fabrican de acuerdo con la directiva máquinas 88/37 CEE y sucesivas modificaciones. Además, durante el proyecto hemos puesto un cuidado especial en la seguridad, el respeto del medio ambiente y la ergonomía de utilización. Nuestro sistema calidad está certificado según la norma UNI EN ISO 9001.

**Accesorios opcionales:** • Argano hidráulico • Morse hidráulico doble para diferentes diámetros • Lubricador para martillo fondo foyo • Bomba del agua • Bomba espuma • Bomba fango • Predisposición para lechada de cemento (jet-grouting) • Martillo hidráulico externo • Comederos en longitudes personalizables