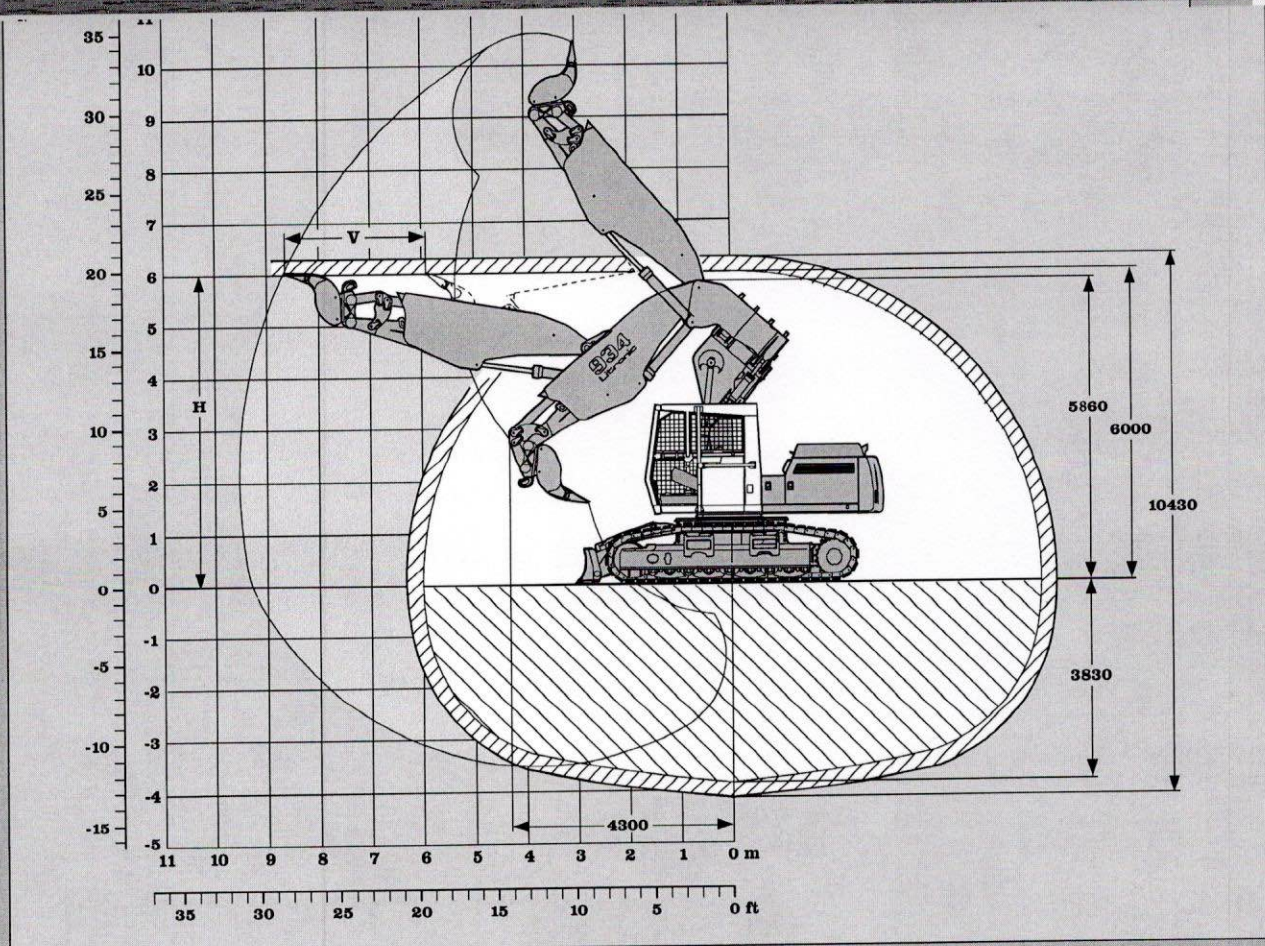




Scope of delivery R 934 B Litronic[®] tunneling excavator

- Basic machine R 934 B Litronic[®]
- D 7 tracks with double grouser pads 500 mm
- Travel drive protection
- Four additional track guides
- Extra hydraulic control for tunneling applications
- Cab for tunneling applications
- Upper carriage protection
- Protective plate on the fuel tank
- Alternator 55 A
- Protective plate in front of the fuel tank
- Back up alarm
- Emergency steering system
- Hoist cylinders
- Basic boom with 2 x 45° rotator
- Backhoe stick 4,50 m with integrated bucket cylinder
- Ripper bucket with cutting width 700 mm
- Swing holding brake *
- Rear working lights on rock protection *
- Filling pump *
- Hydraulic control for rotary drive *
- Dozer blade 3000 mm with cylinder protection *
- Quick change adapter 48 for tunneling applications *

* = option

Basic boom bolted in position II of upper carriage

Tunnel height H m	Advance V m
6,00	2,70
6,50	2,55
7,00	2,35
7,50	2,20
8,00	2,00

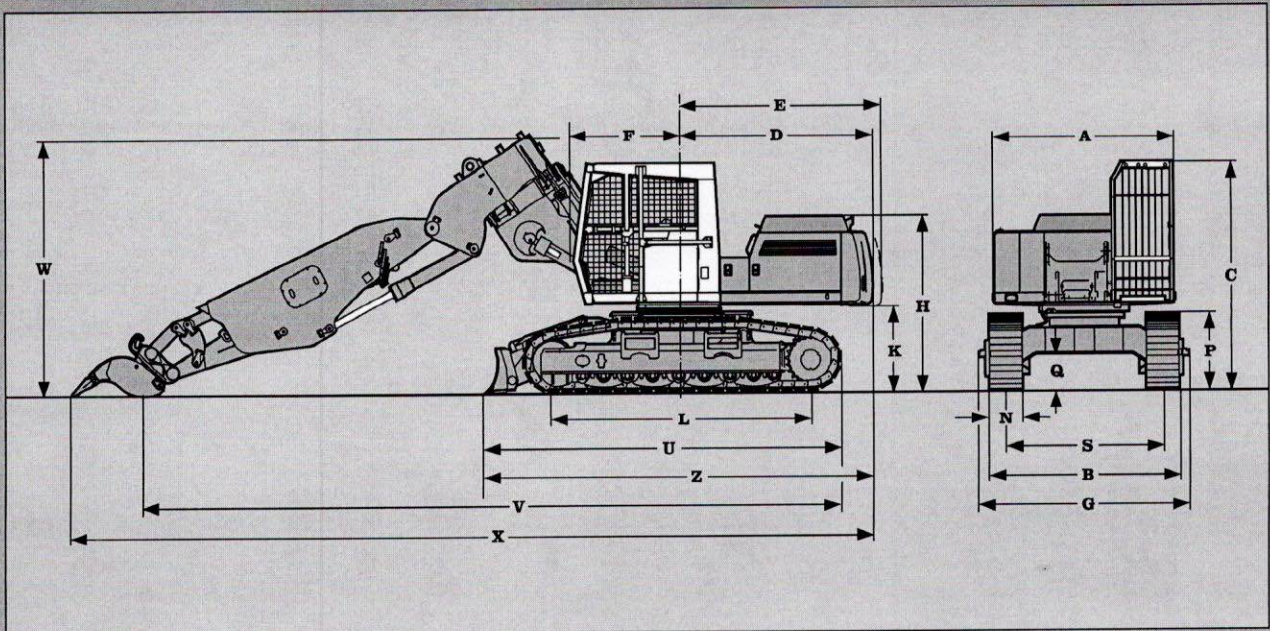
Max. digging force: 129 kN
Max. breakout force: 173 kN

R 934 B Litronic[®] Tunneling Excavator with 45° Boom Rotator

Tunneling excavators	R 900 HDS Litronic	R 912 Litronic	R 934 B Litronic
Engine			
Manufacturer	Deutz	Liebherr	Liebherr
Type	4 cylinder in-line engine air-cooled	4 cylinder in-line engine water-cooled	4 cylinder in-line engine water-cooled
Model	BF4L 913	D 924 T-E	D 924 TI-E
Output	67 kW/2000 RPM	99 kW/2000 RPM	145 kW/2000 RPM
Fuel tank capacity	200 l	360 l	390 l
Battery voltage	24 V	24 V	24 V
Battery capacity	2 x 92 Ah/12 V	2 x 110 Ah/12 V	2 x 110 Ah/12 V
Alternator capacity	3-phase current 24 V/35 A	3-phase current 24 V/55 A	3-phase current 24 V/55 A
Hydraulic system			
Hydraulic pump	Liebherr variable displacement, swash plate, in-line double pump	Liebherr variable displacement, swash plate, in-line double pump	Liebherr variable displacement, swash plate, in-line double pump
Max. flow	2 x 128 l	2 x 200 l	2 x 230 l
Max. hydraulic pressure	320/360 bar	320/360 bar	350 bar
Control	electronic engine speed	electronic engine speed	electronic engine speed
Hydraulic tank capacity	180 l	230 l	280 l
Travel drive			
Drive	Liebherr swash plate motor	Liebherr swash plate motor	Liebherr swash plate motor
Travel gear	Liebherr compact planetary transmission	Liebherr compact planetary transmission	Liebherr compact planetary transmission
Travel speed	0 – 2,8/5,0 km/h	0 – 3,0/5,0 km/h	0 – 2,8/5,0 km/h
Max. drawbar pull	240 kN	271 kN	336 kN
Track component size	B 60 L	B 60 L	D 7
Pads	double grouser pads/ 500 mm	double grouser pads/ 500 mm	double grouser pads/ 500 mm
Attachment			
Basic boom	with 2 x 45° boom rotator or with 360° attachment rotator	with 2 x 45° attachment rotator	with 2 x 45° attachment rotator
Stick	3,60 m with integrated bucket cylinder	4,20 m with integrated bucket cylinder	4,50 m with integrated bucket cylinder
Bucket	HD ripper bucket 500 mm	HD ripper bucket 550 mm	HD ripper bucket 700 mm
Options	Quick change adapter Hydraulic hammer Concrete nibbler	Quick change adapter Hydraulic hammer Concrete nibbler	Quick change adapter Hydraulic hammer Concrete nibbler

Technical Data

Hydraulic Excavator



		R 900 HDS Litronic [®]		R 912 Litronic [®]	R 934 B Litronic [®]
		with 360° attachment swivel	with 45° attachment swivel	with 45° attachment swivel	with 45° attachment swivel
A	mm	2500	2500	2530	2800
B	mm	2500	2500	-	-
C	mm	3290	3290	3250	3425
D	mm	1750	1750	2655	2950
E	mm	1750	1750	2725	3076
F	mm	-	-	1660	1670
H	mm	2274	2274	2330	2660
K	mm	1154	1154	1145	1270
L	mm	3368	3368	3368	4000
P	mm	1042	1042	1042	1125
Q	mm	472	472	472	537
R	mm	4740	4740	-	-
S	mm	-	-	2000	2400
U	mm	-	-	4740	5480
Z	mm	-	-	5310	5970
N	mm	500	500	500	500
B	mm	-	-	2500	3020
G	mm	-	-	-	3195
V	mm	7650	8900	9970	10650
W	mm	2850	3400	3700	4000
X	mm	8690	9950	11100	12250
Weight	kg	22900	22600	26000	40800

Dimensions and Weights Hydraulic Excavator