

Mounty® 91 H

Portable Drill Feeds



INOX

Drill feed for compact excavators

Portable hydraulic drill feed, excellently suited for all work with down-the-hole hammer, hammer drill or core drill. Can be mounted on all scaffolds or on any structure. In the S version, the feed motor can be mounted either at the front or at the rear. Versatile application possibilities: An excellent compromise between lightness and stability.

Lightweight drill feed for:

- Anchor hole drilling
- Micropiling
- Core drillings
- Exploratory drilling
- HDI drilling

Mounty® 91 H package

- Mounty® 91 H, feed length 1.3 m, 1.8 m or 2.4 m
- Rotary head NL2
- Hydroclamp HZ 100
- Remote controlled panel SF3
- Rack back stay
- Powerpack KSD91



Technical specifications

Mounty® 91 H

Specifications



Operating weight excavator t		> 2
Weight ¹	kg	> 110
Oil requirement	l/min / bar	60 / 200
Feed/Pullback force	kN	20
Torque max.	daNm	180
Feed stroke	mm	1'300 / 1'800 / 2'300
Dimensions (LxBxH)	mm	2'220 / 580 / 500
Drill feed profile	BL	91
Fixing plate for scaffolding tube		inclusive
Rotary plate for scaffolding tube		inclusive
Clamping device	mm	25 – 146
Top hammer	daNm	103 / 150
Rotary head	daNm	180
Double head	daNm	

Deliverable with

Hydraulic control panel		inclusive
Radio or cable remote control		optional
Radio remote control with display		
Anti-jamming automatic		
Adjustable percussion mechanism		
Injection pump control		optional
Thread synchronization		
Slew 90° (mechanical)		optional
Breaking device		optional
Drill guide		inclusive
Rack back stay		inclusive

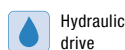
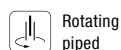
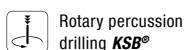
Requirements hydraulic power units

Weight	kg	390 / 700
Engine power	kW	18 / 43
Fuel		Diesel / Electric
Hose length	m	20 + 7

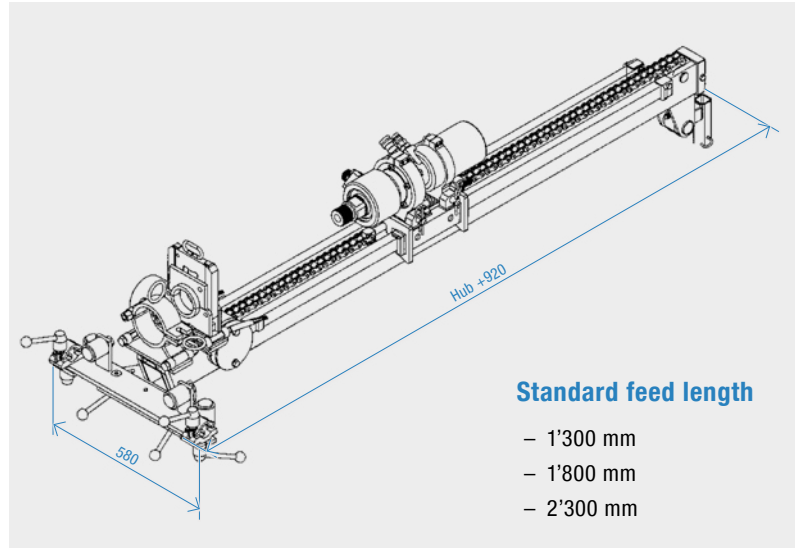
Drilling methods

	Application ideal	Application conditionally possible				
Blast hole / Rock drilling	ø mm	33	45	57	76	89
KSB® Anchor drilling	ø anchor	R32	R38	R51	T76	T114
Rotary-/Down-the-hole (DTH) drilling	ø mm	70	90	140	178	250
Cased drilling	ø mm	114	139	168	178	219
Core drilling	ø mm	100	131	146	200	254
Injection port	inch	3/8"				

1. Without safety device according to standard EN16228



System drawing



Portable Drill Feeds

Overview



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Mounty® 90 L



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Mounty® 90 H



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Mounty® 91 H



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Mounty® 92 H

Specifications



Operating weight excavator t			> 2	> 3	
Weight ¹	kg	> 45	> 50	> 110	> 140
Oil requirement	l/min / bar		55 / 200	60 / 200	100 / 200
Feed/Pullback force	kN	9	12	20	40
Torque max.	daNm	90	140	180	500
Feed stroke	mm	1'300 / 1'800 / 2'300	1'300 / 1'800 / 2'300	1'300 / 1'800 / 2'300	1'300 / 1'800 / 2'300
Dimensions (LxBxH)	mm	2'160 / 580 / 650	2'160 / 580 / 500	2'220 / 580 / 500	2'315 / 584 / 600
Drill feed profile	BL	90	90	91	92
Fixing plate for scaffolding tube		inclusive	inclusive	inclusive	inclusive
Rotary plate for scaffolding tube		inclusive	inclusive	inclusive	inclusive
Clamping device	mm		25 – 146	25 – 146	25 – 181
Top hammer	daNm	35	103	103 / 150	150
Rotary head	daNm	90	140	180	800
Double head	daNm				

Deliverable with

Hydraulic control panel		inclusive	inclusive	inclusive	inclusive
Radio or cable remote control		optional	optional	optional	optional
Radio remote control with display					
Anti-jamming automatic					
Adjustable percussive mechanism					
Injection pump control		optional	optional	optional	optional
Thread synchronization					
Slew 90° (mechanical)		optional	optional	optional	optional
Breaking device		optional	optional	optional	optional
Drill guide		inclusive	inclusive	inclusive	inclusive
Rack back stay		inclusive	inclusive	inclusive	inclusive

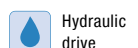
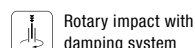
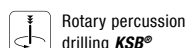
Requirements hydraulic power units

Weight	kg		390 / 700	390 / 700	>510
Engine power			18 / 43	18 / 43	(18) / 43
Fuel					
Hose length	m		20 + 7	20 + 7	20 + 7

Drilling methods Application ideal Application conditionally possible

Blast hole / Rock drilling	ø mm	33	45	57	76	89	33	45	57	76	89	33	45	57	76	89
KSB® Anchor drilling	ø anchor	R32	R38	R51	T76	T114	R32	R38	R51	T76	T114	R32	R38	R51	T76	T114
Rotary-Down-the-hole (DTH) drilling	ø mm	70	90	140	178	250	70	90	140	178	250	70	90	140	178	250
Cased drilling	ø mm	114	139	168	178	219	114	139	168	178	219	114	139	168	178	219
Core drilling	ø mm	100	131	146	200	254	100	131	146	200	254	100	131	146	200	254
Injection port	inch		3/8"				3/8"					3/8"				

1. Without safety device according to standard EN16228



Mounty® Portable Drill Feeds

Safety in the mountains



The problem of installing protection devices was presented to **Lumesa SA**. Previously, these structures were carried out with tracked machines. As these were not always sufficient, a portable machine was designed.

Several elements were available to be assembled into a model system for machines of 3 sizes. These components ranged from 40 kg to 50 kg for lighter machines (torque 1'400 Nm) and from 80 kg to 120 kg for heavy machines (torque 5'000 Nm).

Not to forget the tools, drilling and lining tubes, which can easily weigh one tonne! This construction requires that rods, hammers and tubes are perfectly matched to the drill.

The drilling process is different compared to tracked machines. Therefore, we offer advice, the necessary tools and equipment for each application.



Universal Mounting Plate

For Drill Feeds Type 91 H and 92 H



Hydraulic rotary head

UAP 90

UAP 91

UAP 92

Weight	kg	190	280	370
Swivel moment	Nm	2'700	4'500	6'800
Holding moment	Nm	5'400	9'000	13'600

With treadle rollover

Swivel element		± 90°	± 90°	± 90°
Rollover		360°	360°	360°
Pullout cylinder	mm	200–1'000	200–1'000	200–1'000

For use from various types of equipment, simple base plate matched to carrier equipment. For use in the calotte area, the drill feed can be turned 180° in a few easy steps thanks to the sliding rails on the rear.

The control can be either manual or with a radio control.



Point (Shoe)



Article no.	BL90	BL91	BL92
901630	x	x	
921640			x*

* without BL92 HBV

Point (Rail)



Article no.	BL90	BL91	BL92
911630		x	
921650			x*

* without BL92 HBV