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	50 / 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

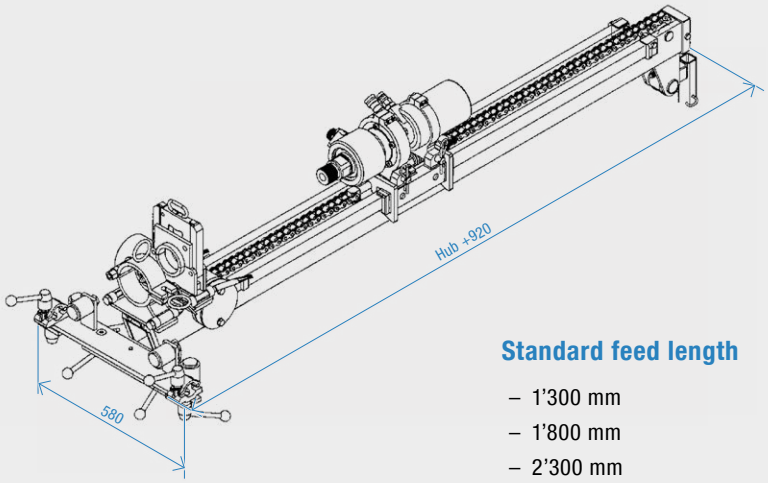
Application ideal | Application conditionally possible

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

Rotary percussion drilling ***KSB®*** | Rotating unpiped | Rotating piped | Hydraulic drive

System drawing



Standard feed length

- 1'300 mm
- 1'800 mm
- 2'300 mm





Portable Drill Feeds

Overview









Specifications		Mounty® 90 L	Mounty® 90 H	Mounty® 91 H	Mounty® 92 H
Operating weight excavator	t			> 2	> 3
Weight [1]	kg	> 45	> 50	> 110	> 140
Oil requirement	l/min / bar		50 / 200	50 / 200	100 / 200
Feed/Pullback force	kN	9	12	20	40
Torque max.	daNm	90	140	180	725
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	725
Double head	daNm				

Deliverable with

	Mounty® 90 L	Mounty® 90 H	Mounty® 91 H	Mounty® 92 H
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 percussion 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	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	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	70	90	140	178	250
Cased drilling	ø mm	114	139	168	178	219	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	100	131	146	200	254
Injection port	inch	3/8"					3/8"					3/8"					3/8"				

1. Without safety device according to standard EN16228

Rotary percussion drilling ***KSB®*** | Rotating unpiped | Rotating piped | Rotary impact with damping system | Pneumatic drive | Hydraulic drive

Mounty® Portable Drill Feeds

Safety in the mountains

The installation of protective structures places high demands on technology, precision, and flexibility. To meet these requirements, ***Lumesa SA*** develops innovative and portable solutions.

While protective structures were previously built predominantly using crawler drill rigs, the drilling systems manufactured by ***Lumesa*** enable a significantly more flexible and adaptable workflow – particularly where conventional machinery reaches its limits.

The modular system is based on various components that can be combined into drilling systems across three size classes. Depending on the model, individual components range from 40 to 50 kg for lighter machines with a torque of up to 1,400 Nm, up to 80 to 120 kg for heavy-duty machines with a torque of up to 5,000 Nm.

Matching accessories are also of particular importance: tools, drill rods, and casings can reach a combined weight of up to one metric ton. For a safe and efficient drilling process, drill strings, hammers, and casing pipes must therefore be optimally matched to the specific application.

Since the drilling process with portable drilling systems differs significantly from that with crawler drill rigs, ***Lumesa*** focuses on customized consultation and application-specific solutions. We support you in selecting the right drilling systems, provide the required tools, and ensure that all components are perfectly matched to one another.









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	×	×	
921640			×*

* without BL92 HBV

Point (Rail)



Article no.	BL90	BL91	BL92
911630		×	
921650			×*

* without BL92 HBV