Mounty® 90 H

Portable Drill Feeds



INOX

Avalanche construction and renovations

Portable hydraulic drill feed, ideal for all handy drilling work; can be used with down-the-hole hammer and drill hammer (pneumatic or hydropneumatic) as well as for core drilling. Designed for easy mounting on any type of scaffolding and suitable for wall work. Very light and handy.

Lightweight drill feed for:

- scaffolding
- nailing
- blast hole drilling
- micropiling
- core drilling
- exploratory drilling
- diamond drilling

Mounty® 90 H package

- Mounty® 90 H, feed length 1.30, 1.80 or 2.4 m
- Hydroclamp HZ 100
- Rotary head NL3
- Remote controlled panel SF3
- Rack back stay
- Powerpack KSD91





Technical specifications

Mounty® 90 H

Specifications

Operating weight excavator	*t*	
Weight [1]	*kg*	> 50
Oil requirement	*l/min / bar*	50 / 200
Feed/Pullback force	*kN*	12
Torque max.	*daNm*	140
Feed stroke	*mm*	1'300 / 1'800 / 2'300
Dimensions (LxBxH)	*mm*	2'160 / 580 / 500
Drill feed profile	*BL*	90
Fixing plate for scaffolding tube		inclusive
Rotary plate for scaffolding tube		inclusive
Clamping device	*mm*	25 – 146
Top hammer	*daNm*	103
Rotary head	*daNm*	140
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

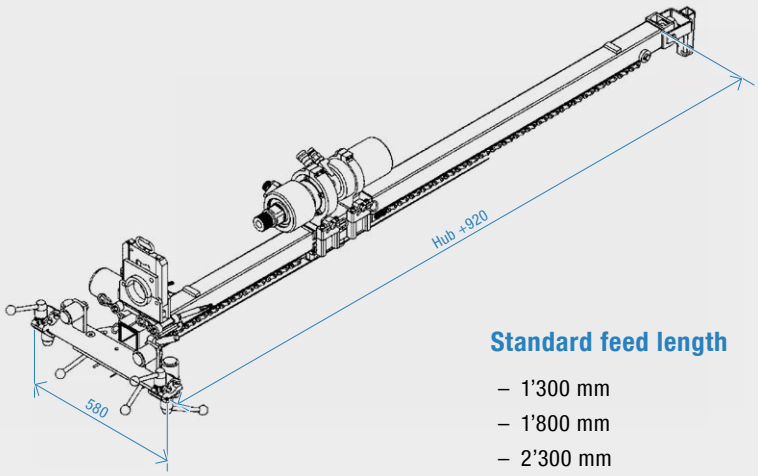
Application ideal | Application conditionally possible

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