

Mounty® 91 H

Portable Chain Feeds



Chain feed for compact excavators

Portable hydraulic chain 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 chain 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
- 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 / Retrait force	kN	20
Torque max.	daNm	180
Feed	mm	1'300 / 1'800 / 2'300
Dimensions (LxBxH)	mm	2'220 / 580 / 500
Chain feed profil	BL	91
Fixing plate for scaffolding tube		inclusive
Rotary plate for scaffolding tube		inclusive
Clamp	mm	25 – 146
Top hammer	daNm	103
Rotary drive	daNm	140
Double head	daNm	

Deliverable with

Hydraulic control panel		inclusive
Radio or cabel control		optional
Digital display radio control		
Anti jamming system		
Adjustable percussion mechanism		
Injection pump control		optional
Threaded gear		
Swivel 90° (mechanical)		optional
Breaking device		optional
Drilling guide		inclusive
Rack back stay		inclusive

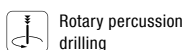
Requirements hydraulic power units

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
Rotate- / Downhole Drilling	ø mm	70	90	140	178	250
Casing drilling	ø mm	114	139	168	178	219
Core drilling	inch	100	131	146	200	254
Injection connector	mm	3/8"				

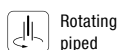
1. Without safety device according to standard EN16228



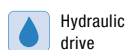
Rotary percussion drilling



Rotating unpiped

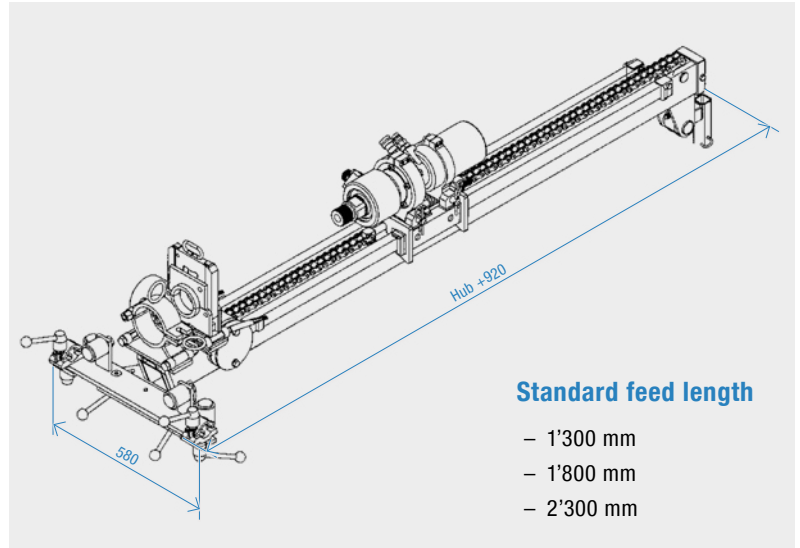


Rotating piped



Hydraulic drive

System drawing



Portable Chain Feeds

Overview



Mounty® 90 L

Mounty® 90 H

Mounty® 91 H

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 / Retrait force	kN	9	12	20	40
Torque max.	daNm	90	140	180	500
Feed	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
Chain feed profil	BL	90	90	91	92
Fixing plate for scaffolding tube		inclusive	inclusive	inclusive	inclusive
Rotary plate for scaffolding tube		inclusive	inclusive	inclusive	inclusive
Clamp	mm		25 – 116	25 – 146	25 – 181
Top hammer	daNm	35	103	103	150
Rotary drive	daNm	90	140	140	800
Double head	daNm				

Deliverable with

Hydraulic control panel	inclusive	inclusive	inclusive	inclusive
Radio or cabel control	optional	optional	optional	optional
Digital display radio control				
Anti jamming system				
Adjustable percusion mechanism				
Injection pump control	optional	optional	optional	optional
Threaded gear				
Swivel 90° (mechanical)	optional	optional	optional	optional
Breaking device	optional	optional	optional	optional
Drilling guide	inclusive	inclusive	inclusive	inclusive
Rack back stay	inclusive	inclusive	inclusive	inclusive

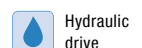
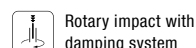
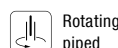
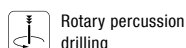
Requirements hydraulic power units

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

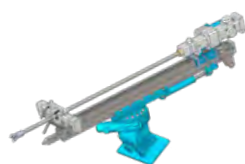
Blast hole / Rock drilling	ø mm	33	45	57	76	89	33	45	57	76	89	33	45	57	76	89	33	45	57	76	89
KSB® Anchor drilling	ø anchor	R32	R38	R51	T76	T114	R32	R38	R51	T76	T114	R32	R38	R51	T76	T114	R32	R38	R51	T76	T114
Rotate- / Downhole Drilling	ø mm	70	90	140	178	250	70	90	140	178	250	70	90	140	178	250	70	90	140	178	250
Casing 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	inch	100	131	146	200	254	100	131	146	200	254	100	131	146	200	254	100	131	146	200	254
Injection connector	mm	3/8"					3/8"					3/8"					3/8"				

1. Without safety device according to standard EN16228



Drill Rig built on mast

Overview



LDA 91 Mounity

LDA 91

LDA 92

LDA 92P

Specifications



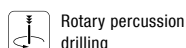
Operating weight excavator t		> 6	> 8	> 12	> 16
Weight ¹	kg	550	770	1'400 / 1'600	1'800 / 2'000
Oil requirement	l/min / bar	60 / 200	110 / 230	120 / 230	160 / 230
Feed / Retrait force	kN	20	20	40	40
Torque max.	daNm	180	212	212	500
Feed		on request	3'300	3'540	3'540
Dimensions		on request	4'550 / 620 / 900	4'600 / 1'200 / 1'850	4'900 / 1'200 / 1'850
Chain feed profil	BL	91	91	92	92
Rotate	Degree	360	360	360	360
Swivel	Degree	±90	± 90	0 – 90	0 – 90
Clamp		25 – 146	25 – 146	25 – 146	30 – 170
Top hammer	daNm	150	106 / 212	106 / 212	250 / 500
Rotary drive	daNm	on request	on request	212	500
Double head	daNm			on request	on request

Deliverable with

Hydraulic control panel		inclusive			
Radio or cabel control		optional	inclusive	inclusive	inclusive
Digital display radio control		optional	optional	optional	optional
Anti jamming system		optional	inclusive	inclusive	inclusive
Adjustable percussion mechanism		inclusive	inclusive	inclusive	inclusive
Threaded gear		optional	on request	on request	on request
Swivel 90°			optional	inclusive	inclusive
Breaking device				optional	optional
Drilling guide			optional	optional	optional
Internal power supply		optional	optional	optional	optional
Central lubrication		optional	optional	optional	optional
Telescopic chain feed			on request	on request	on request
Walking foot		optional	optional	optional	optional
Vacuum cleaning		optional	on request	on request	on request
Rod magazine				on request	on request
Pulling winch			on request	on request	on request

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
Rotate- / Downhole Drilling	ø mm	70	90	140	178	250	70	90	140	178	250	70	90	140	178	250	70	90	140	178	250
Casing drilling	ø mm	114	139	168	178	219	114	139	168	178	219	114	133	152	178	219	114	133	152	178	219
Core drilling	inch	100	131	146	200	254	100	131	146	200	254	100	131	146	200	254	100	131	146	200	254
Injection connector	mm			3/8"					3/8"					1"					1"		

1. Without safety device according to standard EN16228



Rotary percussion drilling



Rotating unpiped



Rotating piped



Rotary impact with damping system

Mounty® Portable Chain 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.





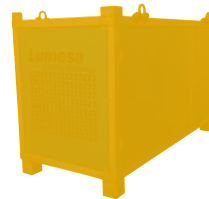
Mounthy® Portable Chain Feeds



Mounthy Page 4



Control Panels
Page 15



Diesel Power Packs
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Electro Power Packs
Page 14

Additional Products



Rotary drives
Page 20



Hydro Clamps
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Universal Mounting Plate

For Chain 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 chain feed can be turned 180° in a few easy steps thanks due 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