# Mounty® Connect

## Lumesa Drilling Attachment



### Excavator Attachment Module for Portable Mounty Drill Feeds

The Mounty® Connect enables fully radio-remote-controlled operation of any portable Type 91 and 92 Mounty® drill feed on hydraulic carriers. Equipped with 360° rotation and optional ±90° tilting, even the most challenging drilling positions can be reached. The compact design accommodates Mounty® drill feeds with a feed travel starting at 1,300 mm, allowing it to be positioned even in extremely confined spaces. The portable drill feed is secured to the feed cradle in just a few simple steps and requires no further modification. Depending on the length of the portable drill feed, displacement cylinders with a 500 to 1,000 mm stroke can be used. Since a wide variety of Mounty® drill feeds can be mounted, overall dimensions and total weight vary.

### Best for

- Portable Type 91 and 92 Mounty® drill feeds
- Excavator-mounted operations





# Technical specifications

NEW

## Mounty® Connect

### Specifications

| | | |
|---|---|---|
| **Operating weight excavator** | t | > 4 |
| **Weight** [1] | kg | 340 – 400 |
| **Oil requirement** | l/min / bar | |
| **Feed/Pullback force** | kN | 20 – 40 |
| **Torque max.** | daNm | |
| **Feed stroke** | mm | 1'300 – 3'000 |
| **Dimensions (LxBxH)** | mm | 1'700 / 1'350 / 750 |
| **Drill feed profile** | BL | 92 / 92 |
| **Slew** | Degree | 360 |
| **Tilt** | Degree | ±90 |
| **Clamping device** | mm | |
| **Top hammer** | daNm | |
| **Rotary head** | daNm | |
| **Double head** | daNm | |

### Deliverable with

| | |
|---|---|
| **Hydraulic control panel** | |
| **Radio remote control** | inclusive |
| **Radio remote control with display** | |
| **Anti-jamming automatic** | inclusive |
| **Adjustable percussion mechanism** | inclusive |
| **Thread synchronization** | on request |
| **Tilt 0–90°** | optional |
| **Breaking device** | optional |
| **Drill guide** | optional |
| **Powerbox (control voltage)** | optional |
| **Lubrication pump drill drive** | optional |
| **Rotary union** | |
| **Walking foot with swamp plate** | |
| **Dust collector** | |
| **Rod handler** | |
| **Cable winch** | on request |

### 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 | | | | | |
| **Injection port** | inch | | | 1" | | |

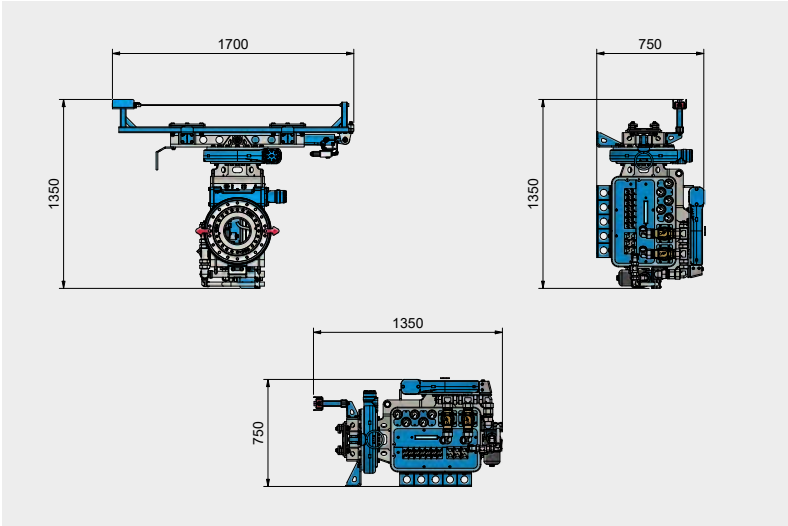
1. Without safety device according to standard EN16228

Rotary percussion drilling ***KSB®***

Rotating unpiped

Rotating piped

# System drawing






# 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.







