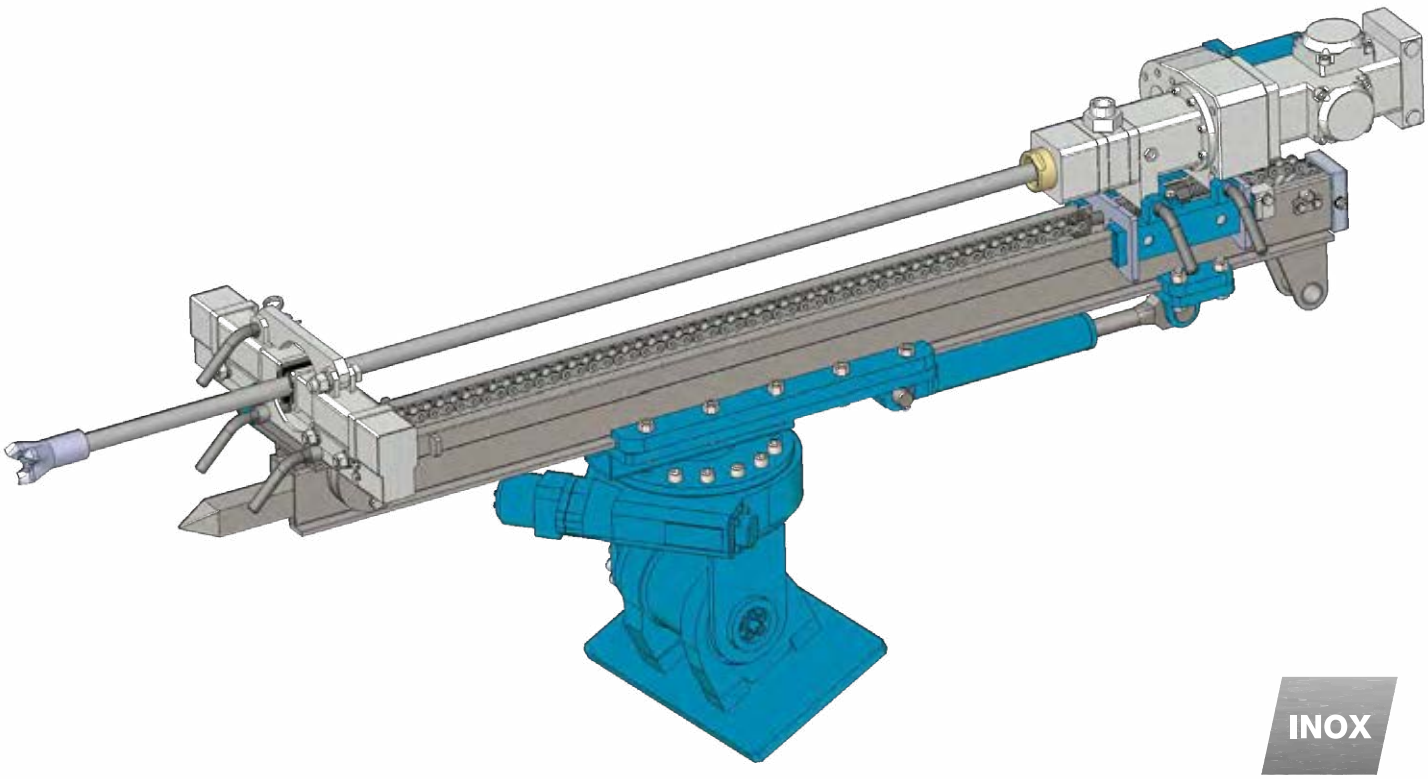
# LDA 91 Mounty®

## Lumesa Drilling Attachment



INOX

Portable drill feed mounted on excavator; in the standard version it can be aligned at any angle thanks due to tilt and swivel element. Like the standard version, it can be used with a down-the-hole hammer, top hammeror core drill.

Can be easily disassembled and used as a portable drilling unit.





# Technical specifications

INOX

## LDA 91 Mounty®

### Specifications

| | | |
|---|---|---|
| **Operating weight excavator** | t | > 6 |
| **Weight** [1] | kg | 550 |
| **Oil requirement** | l/min / bar | 60 / 200 |
| **Feed/Pullback force** | kN | 20 / 40 |
| **Torque max.** | daNm | 500 |
| **Feed stroke** | mm | on request |
| **Dimensions (LxBxH)** | mm | on request |
| **Drill feed profile** | BL | 91 / 92 |
| **Slew** | Degree | 360 |
| **Tilt** | Degree | ±90 |
| **Clamping device** | | 25 – 146 |
| **Top hammer** | daNm | 150 |
| **Rotary head** | daNm | on request |
| **Double head** | daNm | |

### Deliverable with

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

### 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

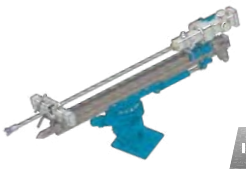
Rotary percussion drilling ***KSB®***

Rotating unpiped

Rotating piped

# LDA Excavator mounted drill feeds

## Overview










| Specifications | | LDA 91 Mounty® | Mounty® Connect | LDA 91 |
|---|---|---|---|---|
| Operating weight excavator | t | > 6 | > 4 | > 8 |
| Weight [1] | kg | 550 | 340 – 400 | 770 / 1'150 |
| Oil requirement | l/min / bar | 60 / 200 | | 120 / 230 |
| Feed/Pullback force | kN | 20 / 40 | 20 – 40 | 20 |
| Torque max. | daNm | 500 | | 212 |
| Feed stroke | mm | on request | 1'300 – 3'000 | 3'300 |
| Dimensions (LxBxH) | mm | on request | 1'700 / 1'350 / 750 | 4'550 / 1'000 / 850 |
| Drill feed profile | BL | 91 / 92 | 92 / 92 | 91 |
| Slew | Degree | 360 | 360 | 360 |
| Tilt | Degree | ±90 | ±90 | 0 – 90 |
| Clamping device | | 25 – 146 | | 25 – 146 |
| Top hammer | daNm | 150 | | 106 / 212 |
| Rotary head | daNm | on request | | on request |
| Double head | daNm | | | |

## Deliverable with

| | LDA 91 Mounty® | Mounty® Connect | LDA 91 |
|---|---|---|---|
| Hydraulic control panel | inclusive | | |
| Radio remote control | optional | inclusive | inclusive |
| Radio remote control with display | optional | | optional |
| Anti-jamming automatic | optional | inclusive | inclusive |
| Adjustable percussion mechanism | inclusive | inclusive | inclusive |
| Thread synchronization | optional | on request | on request |
| Tilt 0 – 90° | | optional | optional |
| Breaking device | | optional | on request |
| Drill guide | optional | optional | optional |
| Powerbox (control voltage) | optional | optional | optional |
| Lubrication pump drill drive | optional | optional | optional |
| Rotary union | | | on request |
| Walking foot with swamp plate | optional | | optional |
| Dust collector | optional | | on request |
| Rod handler | | | on request |
| Cable winch | | on request | on request |

| | | LDA 91 Mounty® | | | | | Mounty® Connect | | | | | LDA 91 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | |
| Injection port | inch | 3/8" | | | | | 1" | | | | | 1" | | | | |

1. Without safety device according to standard EN16228

Rotary percussion drilling KSB®
Rotating unpiped
Rotating piped
Rotary impact with damping system










## Specifications

| | | LDA 92 | LDA 92P | LDA 92P DH |
|---|---|---|---|---|
| **Operating weight excavator** | t | > 12 | > 16 | > 18 |
| **Weight** [1] | kg | 1'375 / 1'500 | 1'550 / 1'750 | 1'850 / 2'050 |
| **Oil requirement** | l/min/bar | 120 / 230 | 165 / 230 | 170 / 230 |
| **Feed/Pullback force** | kN | 40 | 40 | 40 |
| **Torque max.** | daNm | 212 | 500 | 500 |
| **Feed stroke** | mm | 3'540 | 3'540 | 2'700 |
| **Dimensions (LxBxH)** | mm | 4'750 / 1'100 / 1'700 | 4'950 / 1'100 / 1'700 | 4'950 / 1'100 / 1'700 |
| **Drill feed profile** | BL | 92 | 92 | 92 |
| **Slew** | Degree | 360 | 360 | 360 |
| **Tilt** | Degree | 0 – 90 | 0 – 90 | 0 – 90 |
| **Clamping device** | | 30 – 180 | 30 – 180 | 30 – 180 |
| **Top hammer** | daNm | 106 / 212 | 250 / 500 | |
| **Rotary head** | daNm | on request | on request | |
| **Double head** | daNm | | | 500 / 250 |

## Deliverable with

| | LDA 92 | LDA 92P | LDA 92P DH |
|---|---|---|---|
| **Hydraulic control panel** | | | |
| **Radio remote control** | | | |
| **Radio remote control with display** | inclusive | inclusive | inclusive |
| **Anti-jamming automatic** | inclusive | inclusive | inclusive |
| **Adjustable percussion mechanism** | inclusive | inclusive | |
| **Thread synchronization** | on request | on request | on request |
| **Tilt 0 – 90°** | inclusive | inclusive | inclusive |
| **Breaking device** | optional | optional | inclusive |
| **Drill guide** | optional | optional | optional |
| **Powerbox (control voltage)** | optional | optional | optional |
| **Lubrication pump drill drive** | optional | optional | optional |
| **Rotary union** | on request | on request | on request |
| **Walking foot with swamp plate** | optional | optional | optional |
| **Dust collector** | on request | on request | |
| **Rod handler** | on request | on request | |
| **Cable winch** | optional | optional | optional |

| | | LDA 92 | | | | | LDA 92P | | | | | LDA 92P DH | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Blast hole / Rock drilling** | ø mm | 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 | | | | | |
| **Rotary-/Down-the-hole (DTH) drilling** | ø mm | 70 | 90 | 140 | 178 | 250 | 70 | 90 | 140 | 178 | 250 | | | | | |
| **Cased drilling** | ø mm | 114 | 133 | 152 | 178 | 219 | 114 | 133 | 152 | 178 | 219 | 114 | 133 | 152 | 178 | 219 |
| **Core drilling** | ø mm | | | | | | | | | | | | | | | |
| **Injection port** | inch | 1" | | | | | 1" | | | | | 1" | | | | |

1. Without safety device according to standard EN16228

Rotary percussion drilling ***KSB®***

Rotating unpiped

Rotating piped

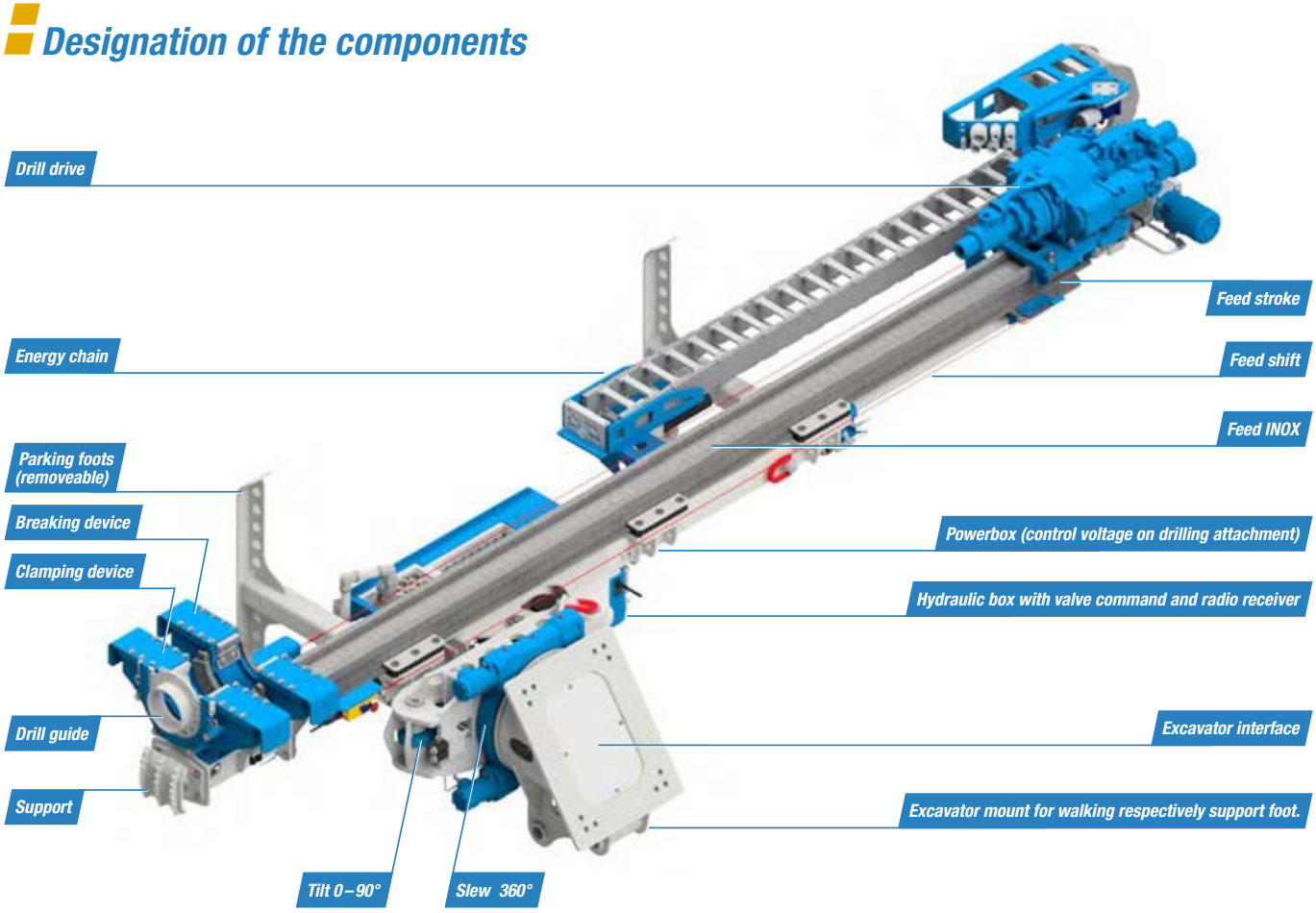
Rotary impact with damping system

# LDA Excavator mounted drill feeds

## Lumesa Drilling Attachment

Based on the standard system, ***Lumesa*** manufactures customized drilling attachments for every application. Using a checklist, precise customer briefing and professional advice, an exact requirement profile is created, which serves as the basis for the construction of the drilling attachment. The high level of flexibility enables efficient, individual system solutions for the respective needs and requirements on the construction site. No change in the excavator hydraulics is necessary. All drilling attachments are designed for operation with guards in accordance with DIN EN 16228-1.

## Designation of the components




## Drilling positions



Slope stabilization



Head hole drilling



Trench drilling



Advance drilling

# Accessories

## Powerbox (control voltage)



## Winch for lifting the drill pipes



## Dust collector



## Walking foot easy to remove

