# Ground Drilling

- Compact gearbox with high torque
- Highly efficient design with less moving parts
- Customized Eaton hydraulic motor to reduce the overall dimensions
- No drain required
- Shaft locking system for heavy uses
- The auger can totally enter the hole to increase the drilling depth
- Low maintenance with a 5yr gearbox and 3yr motor warranty

**Augers drives: mini excavators from 0,75t to 5t - Skid steer loader**

## Augers drives: excavators from 5t to 10t - Skid steer loader

## Auger drives: 10t - 20t excavators

**5YR GEAR BOX WARRANTY**

**3YR MOTOR WARRANTY**

Compact gearbox with high torque. Highly efficient design with less moving parts. Customized Eaton hydraulic motor to reduce the overall dimensions. No drain required. Shaft locking system for heavy uses. The auger can totally enter the hole to increase the drilling depth. HALO system to monitor auger alignment during operation. Low maintenance with a 5yr gearbox and 3yr motor warranty.

| MODEL | MPD 18 | MPD 22 |
|---|---|---|
| Horse power [kw] | 60 | 60 |
| Max flow rate [L/min] | 120/230 | 120/230 |
| Min/max pressure [bar] | 175/240 | 175/240 |
| Max torque [Nm] @ 240 bar | 17,603 | 22,142 |
| Rotation speed [rpm] | 26/50 | 21/40 |
| Motor type | gearbox + hydraulic motor | |
| Shaft [mm] | □75 | □75 |
| Weight [kg] | 176 | 176 |
| Excavator class [T] | 10-20 | 10-20 |
| Auger bit for earth soil | MFT8 | MFT8 |
| Diameter max [mm] | 1500 | 1500 |
| Auger bit for mixed/rocky soil | MRC8 | MRC8 |
| Diameter max [mm] | 1500 | 1500 |

## OPTIONALS

Cradle hitch

Included are no. 2 hydraulic hoses 1/2", L=2200 mm, quick couplings M/F F.P. 1/2"

## AUGER DRIVES: MPDD / MPDX 2 / MPD 3

**MFT - SOFT/MIXED SOIL**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MFT4-10 | Ø65 | 100x1200 |
| MFT4-15 | Ø65 | 150x1200 |
| MFT4-20 | Ø65 | 200x1200 |
| MFT4-25 | Ø65 | 250x1200 |
| MFT4-30 | Ø65 | 300x1200 |
| MFT4-40 | Ø65 | 400x1200 |
| MFT4-50 | Ø65 | 500x1200 |
| MFT4-60 | Ø65 | 600x1200 |
| MFT4-75 | Ø65 | 750x1200 |

**MRC - MIXED / ROCKY SOIL**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| ***** | ***** | 100x1200 |
| MRC4-15 | Ø65 | 150x1200 |
| MRC4-20 | Ø65 | 200x1200 |
| MRC4-25 | Ø65 | 250x1200 |
| MRC4-30 | Ø65 | 300x1200 |
| MRC4-40 | Ø65 | 400x1200 |
| MRC4-50 | Ø65 | 500x1200 |
| MRC4-60 | Ø65 | 600x1200 |
| MFT4-75 | Ø65 | 750x1200 |

**EXTENSIONS SHAFT ONLY**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MX4-05 | Ø65 | 500 |
| MX4-10 | Ø65 | 1000 |
| MX4-15 | Ø65 | 1500 |

## AUGER DRIVES: MPD 5 / MPD 7 / MPD 10 / MPD 6 HF / MPD 8 HF

**MFT - SOFT/MIXED SOIL**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MFT6-15 | □75 | 150x1500 |
| MFT6-20 | □75 | 200x1500 |
| MFT6-25 | □75 | 250x1500 |
| MFT6-30 | □75 | 300x1500 |
| MFT6-40 | □75 | 400x1500 |
| MFT6-50 | □75 | 500x1500 |
| MFT6-60 | □75 | 600x1500 |
| MFT6-75 | □75 | 750x1500 |
| MFT6-90 | □75 | 900x1500 |
| MFT6-100 | □75 | 1000x1500 |

**MRC - MIXED / ROCKY SOIL**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MRC6-15 | □75 | 150x1500 |
| MRC6-20 | □75 | 200x1500 |
| MRC6-25 | □75 | 250x1500 |
| MRC6-30 | □75 | 300x1500 |
| MRC6-40 | □75 | 400x1500 |
| MRC6-50 | □75 | 500x1500 |
| MRC6-60 | □75 | 600x1500 |
| MRC6-75 | □75 | 750x1500 |
| MRC6-90 | □75 | 900x1500 |

**EXTENSIONS SHAFT ONLY**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MX6-10 | □75 | 1000 |
| MX6-15 | □75 | 1500 |
| MX6-20 | □75 | 2000 |

## AUGER DRIVES: MPD 18 / MPD 22

**MFT - SOFT/MIXED SOIL**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MFT8-20 | □75 | 200x1500 |
| MFT8-25 | □75 | 250x1500 |
| MFT8-30 | □75 | 300x1500 |
| MFT8-40 | □75 | 400x1500 |
| MFT8-50 | □75 | 500x1500 |
| MFT8-60 | □75 | 600x1500 |
| ***** | ***** | 750x1500 |
| MFT8-80 | □75 | 800x1500 |
| ***** | ***** | 900x1500 |
| MFT8-100 | □75 | 1000x1500 |
| MFT8-120 | □75 | 1200x1500 |
| MFT8-150 | □75 | 1500x1500 |

**MRC - MIXED / ROCKY SOIL**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MRC8-20 | □75 | 200x1500 |
| MRC8-25 | □75 | 250x1500 |
| MRC8-30 | □75 | 300x1500 |
| MRC8-40 | □75 | 400x1500 |
| MRC8-50 | □75 | 500x1500 |
| MRC8-60 | □75 | 600x1500 |
| MRC8-75 | □75 | 750x1500 |
| ***** | ***** | 800x1500 |
| MRC8-90 | □75 | 900x1500 |
| MRC8-100 | □75 | 1000x1500 |
| MRC8-120 | □75 | 1200x1500 |
| MRC8-150 | □75 | 1500x1500 |

**EXTENSIONS SHAFT ONLY**

| MODEL | SHAFT | DIMENSIONS mm |
|---|---|---|
| MX8-10 | □75 | 1000 |
| MX8-15 | □75 | 1500 |
| MX8-20 | □75 | 2000 |
| MX8-25 | □75 | 2500 |
| MX8-30 | □75 | 3000 |