

Materials Services
Infrastructure

tk Drill Mast DM30.



thyssenkrupp

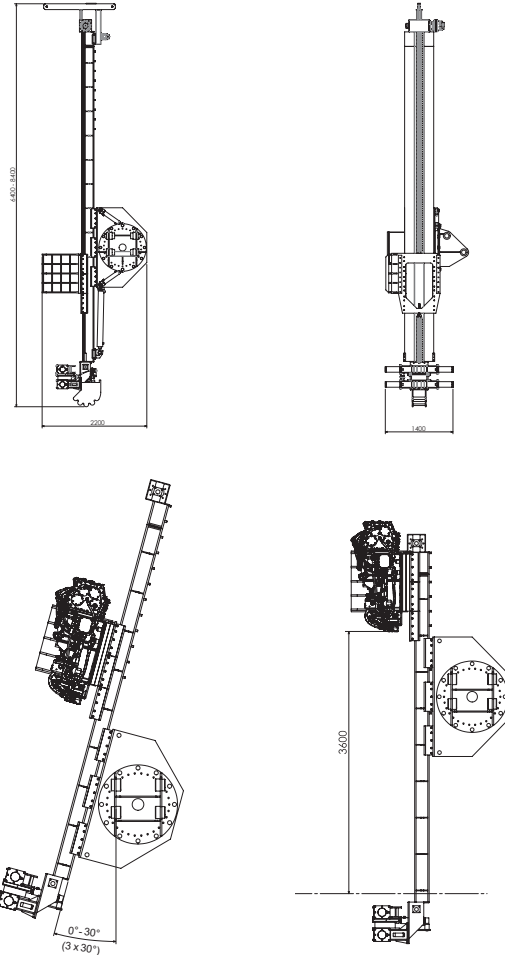


tk Drill Mast DM30

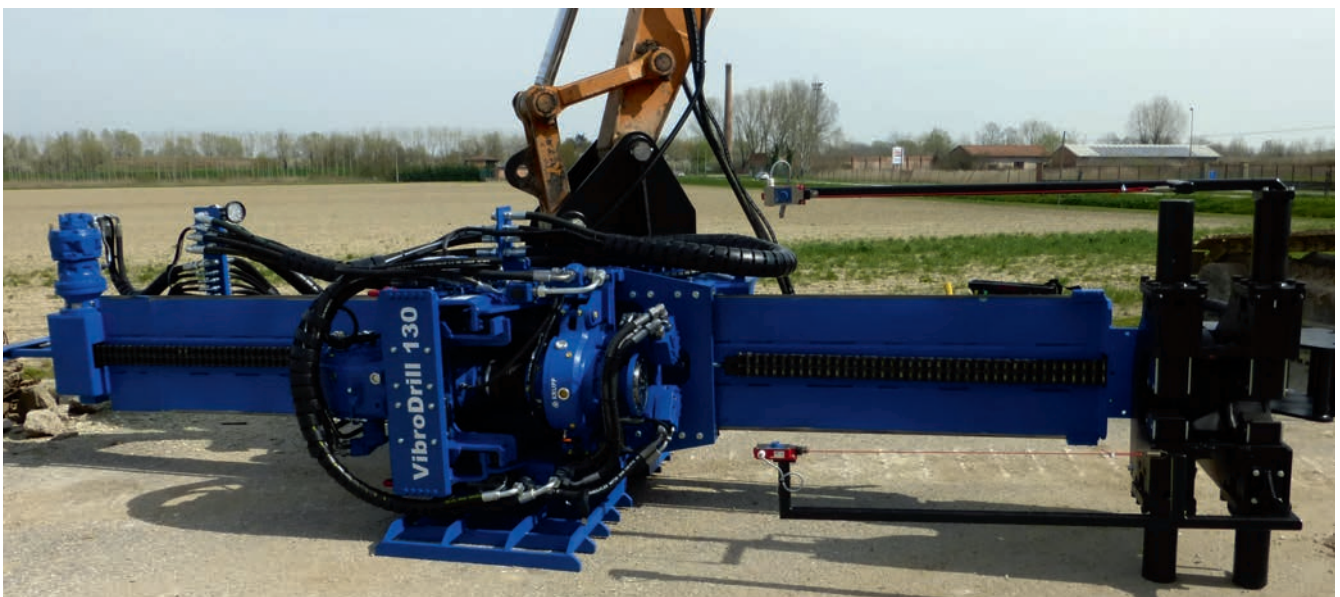
Best drilling performance in different soil conditions, due to a strong drill mast and adjustable frequencies up to 130 Hz and adjustable unbalances.



Main Dimensions



- The strong Drill Mast allows the drilling of holes under all angles, from 0° to 90° (from horizontal up to vertical).
- The strong mast is especially designed for vibration drill heads and double head drilling systems, to be used for overburden drilling, lost bit drilling, micropiles and core drilling.
- The drilling axle is in view of the excavator operator, due to a 90° offset of the mast.
- Optional: drill mast equipped with a KRUPP drifter or a KRUPP compact double head drilling system.
- Options: drill mast extension, winch extension and 90° turnable, larger clamping devices, dust collection system above the drill hole.





Drill Mast DM30

Drilling length (useful stroke)	3,300 mm
Mast length	6,000 mm
Weight	3,000 kg
Drilling length with extension (useful stroke)	5,300 mm
Mast length with extension	8,000 mm
Weight with extension	3,300 kg
Recommended excavator	25 - 40 t
Drilling angle (horizontal - vertical)	0° - 90°
Drilling angle to be adjusted by a cylinder	0° - 30°
Drilling angle to be adjusted by hand	3 x 30°
Pull-back force, adjusted to	80 kN
Pull-back speed	0 - 0,3 m/s
Push-down force, adjusted to	30 kN
Push-down speed	0 - 0,3 m/s
Clamping device diameter range	ø 80 - 300 mm
Clamping and breaking device diameter range	ø 80 - 300 mm
Clamping force	100 kN
Breaking force	50 kN
Mast movement by a cylinder	0 - 1,000 mm
Winch lift capacity	900 kg
Winch arm length, fixed (turnable as option)	1,000 mm
Remote control system	wireless and cable

VibroDrill VD100

Weight	1550 kg
Drilling angle	0° - 90° (horizontal - vertical)
Rod diameter range	ø 88,9 - 300 mm
Rod weight	max. 3500 kg
Drilling depth	up to 120 m
Soil conditions	sand, gravel, clay, medium-hard rock

VibroDrill VD130

Weight	1125 kg
Drilling angle	0° - 90° (horizontal - vertical)
Rod diameter range	ø 88,9 - 250 mm
Rod weight	max. 3500 kg
Drilling depth	up to 100 m
Soil conditions	sand, gravel, clay, hard rock

Materials Services
Infrastructure

thyssenkrupp Infrastructure GmbH
Alte Liederbacher Str. 6
36304 Alsfeld, Germany
P: +49 6631 781-0
F: +49 6631 781-113
machinery.tkinfrastructure@thyssenkrupp.com
www.thyssenkrupp-infrastructure.com