



ROTARY HEADS FOR PILE RIGS



X-SERIES



VIBRATION HEADS



CORING HEADS



DOUBLE HEAD
DRILLING SYSTEMS



ROTARY HEADS
FOR PILE RIGS



DRILLING
ACCESSORIES





Rotary Heads for Pile Rigs

Eurodrill rotary heads for pile rigs are designed for high power consumption and a long durability. These rotary heads operate for many years in different applications worldwide.

Advantages

Compact design requires only small room

Strong axial bearing system of the main shaft to ensure high pull- and push forces

Central supply of the mechanical components and bearings via continuous delivery of a lubrication pump

Compatible to drill rigs of all manufacturers for different applications and requirements

RHP 20



RHP 5

Torque max.	kNm	58
Rotation max.	min ⁻¹	100
ID hollow shaft	mm	171

1000 kg Weight · 350 kN max. allowed Traction

RHP 7

Torque max.	kNm	83
Rotation max.	min ⁻¹	70
ID hollow shaft	mm	171

1200 kg Weight · 350 kN max. allowed Traction

RHP 10

Torque max.	kNm	116
Rotation max.	min ⁻¹	100
ID hollow shaft	mm	171

1400 kg Gewicht · 350 kN max. allowed Traction

RHP 14

Torque max.	kNm	167
Rotation max.	min ⁻¹	70
ID hollow shaft	mm	181

1550 kg Weight · 350 kN max. allowed Traction

RHP 15

Torque max.	kNm	175
Rotation max.	min ⁻¹	100
ID hollow shaft	mm	205

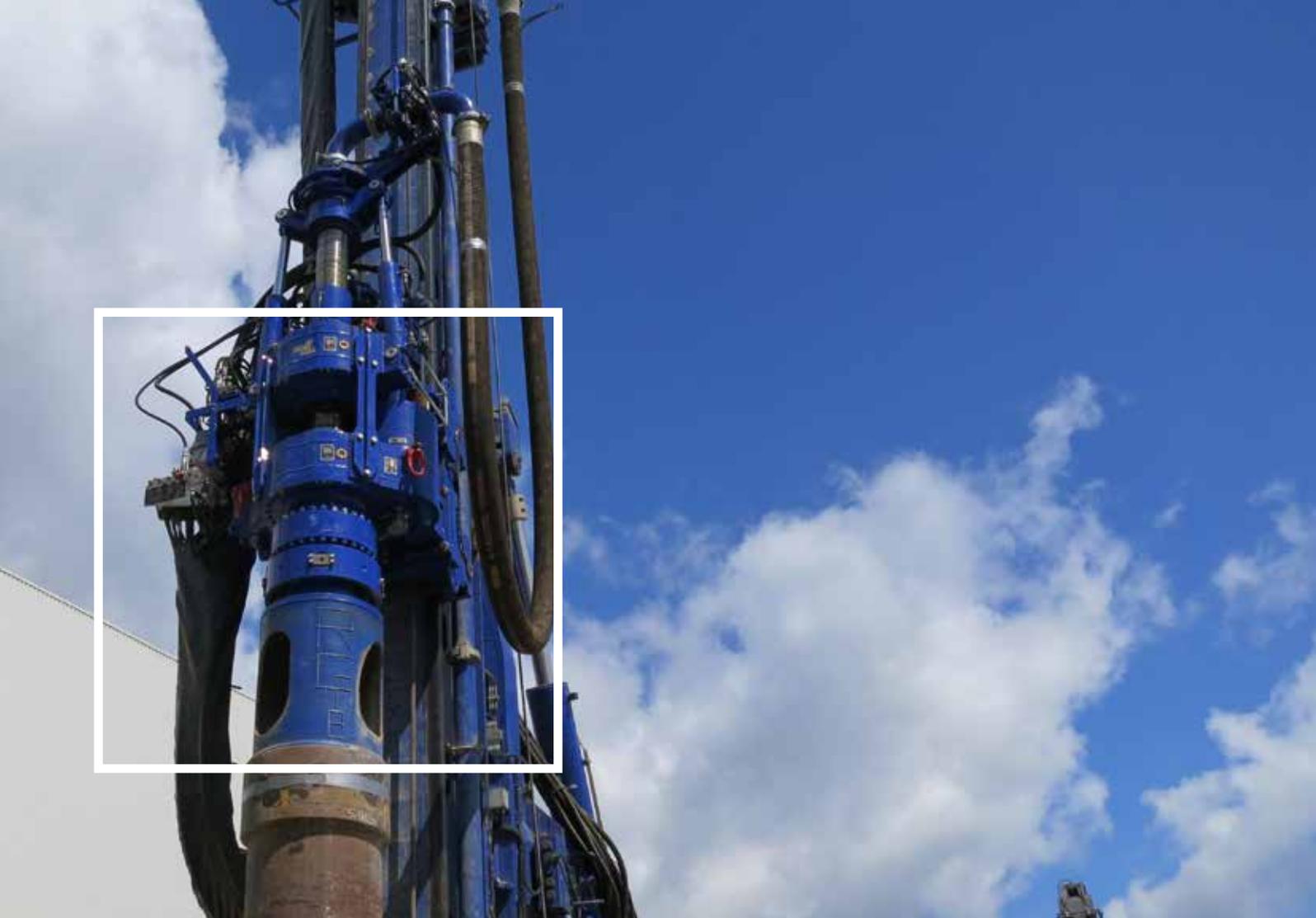
2250 kg Weight · 500 kN max. allowed Traction

RHP 20

Torque max.	kNm	200
Rotation max.	min ⁻¹	42
ID hollow shaft	mm	205

2300 kg Weight · 500 kN max. allowed Traction





In front of the wall Drilling Systems

Eurodrill VDW drilling systems are designed to produce secant pile walls and others. Due to the counterclockwise operation of auger and casing an enormous drilling progress as well as a great precision can be achieved.

Advantages

Compact design requires only small room and optimal use of existing narrow rooms to produce secant pile walls directly in front of an existing wall

Integrated sliding cylinder for relative adjustment of the casing to the hollow auger

Extremely low-emission and vibration-free drilling method, especially suitable for the use in the city centre



VDW 6035

Torque max.
Rotation max.

kNm
min⁻¹

	ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	83	62
Rotation max.	66	66

3400 kg Weight · 450 kN max. allowed Traction

VDW 1005

Torque max.
Rotation max.

kNm
min⁻¹

	ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	100	50
Rotation max.	41	69

3400 kg Weight · 500 kN max. allowed Traction

VDW 1407

Torque max.
Rotation max.

kNm
min⁻¹

	ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	140	70
Rotation max.	36	48

3950 kg Weight · 500 kN max. allowed Traction

VDW 2010

Torque max.
Rotation max.

kNm
min⁻¹

	ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	200	100
Rotation max.	20	42

5600 kg Weight · 600 kN max. allowed Traction

VDW 3015

Torque max.
Rotation max.

kNm
min⁻¹

	ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	300	150
Rotation max.	26	31

8600 kg Weight · 850 kN max. allowed Traction







Production of a bored (secant) pile wall

A distinction is made between the following types of execution

- > overlapping bored pile wall
- > tangent bored pile wall
- > resolved bored pile wall without intermediate arch
- > resolved bored pile wall with intermediate arch

Step 1 - Make a template

Styrofoam blanks are lined up and poured into concrete. The template ensures a safe and uniform positioning for primary and secondary piles. The respective styrofoam insert will be bored out later in the process.

Step 2 - Drilling of the primary piles

Aligning the drill string over the template and drilling of the primary piles. Simultaneous concreting of the pile at respective extraction of the drill string. Emptying the drill string after each drilling or concreting process.

Step 3 - Drilling of the secondary piles

Aligning the drill string over the template and drilling of the primary piles. Simultaneous concreting of the pile at respective extraction of the drill string. Emptying the drill string after each drilling or concreting process. Introduction of the reinforcement in the freshly concreted pile.

VDW 3015



One of
10.000
inhouse developed
+ designed parts



Philosophy

Ideas and knowledge create the future

Careful listening to the wishes of our customers enable us to find the best solution for their demands and builds-up the basis of contentment and success of all our clients. It is our task and our challenge to query the existing, to realize the requirement intime and by constant improvement we are able to work out innovative solutions for the future.

Due to his individual skills and due to his motivation each employee is important for having content customers and for the successful operation of the whole company.

Technical Specifications are subject to modifications without prior notice and incurring responsibility for machines previously sold. The shown machines may have optional equipment. Technical data do not consider power losses. Error misprints reserved.

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