

# DOUBLE HEAD DRILLING SYSTEMS



X-SERIES



VIBRATION HEADS



CORING HEADS



DOUBLE HEAD  
DRILLING SYSTEMS

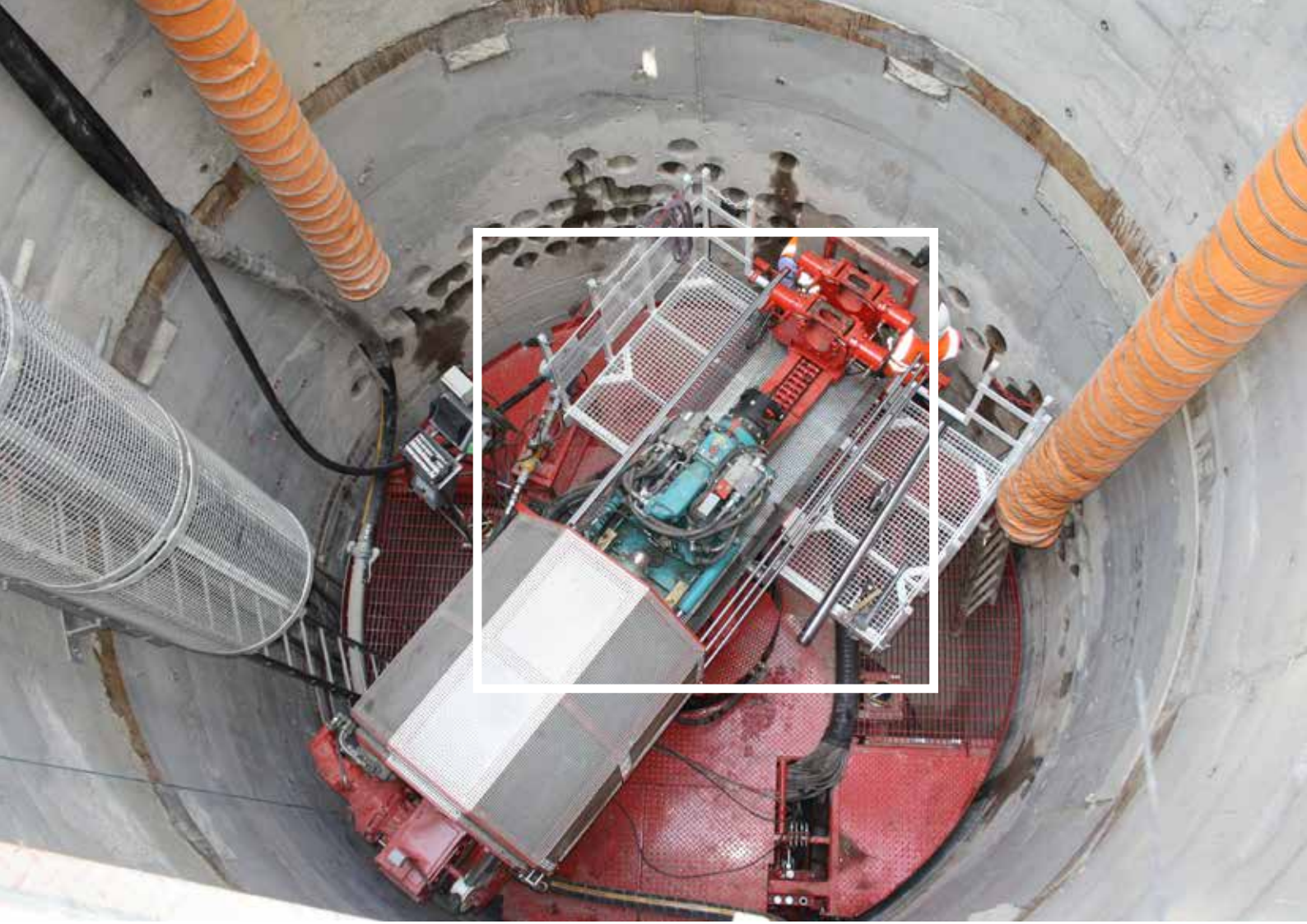


ROTARY HEADS  
FOR PILE RIGS



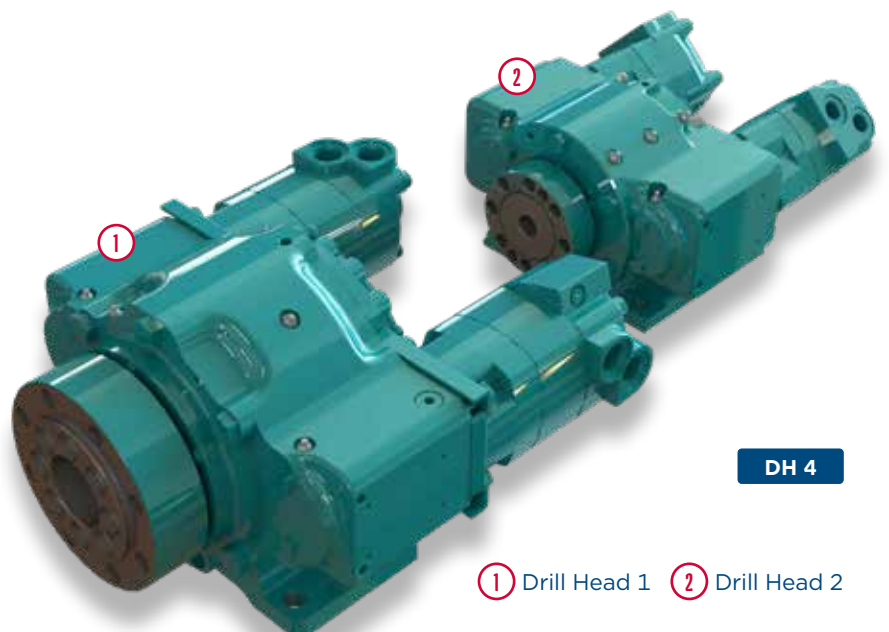
DRILLING  
ACCESSORIES





## Double Head Drilling Systems

Eurodrill Double Head Drilling Systems stand out for their combined and very compact design for the shortest installation length. All double head units primarily consist of approved single heads out of the wide and comprising Eurodrill product range.






---

## Advantages

**X-Factor - Possible flexible options with the same basic gearbox through integration of the X-Series**

**Combined design requires only small room and optimal use of existing narrow rooms to produce geothermal and overburden drilling**

**Counterclockwise operation of the gears for casing and inner rod guarantees an enormous drilling progress and a great precision**

**Integrated sliding cylinder for relativ adjustment of the casing to the inner rod**

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

A rotary drive basically consists of two main groups

### Drill Head 1

The rotary mechanism ensures the rotational movement of the casing.

### Drill Head 2

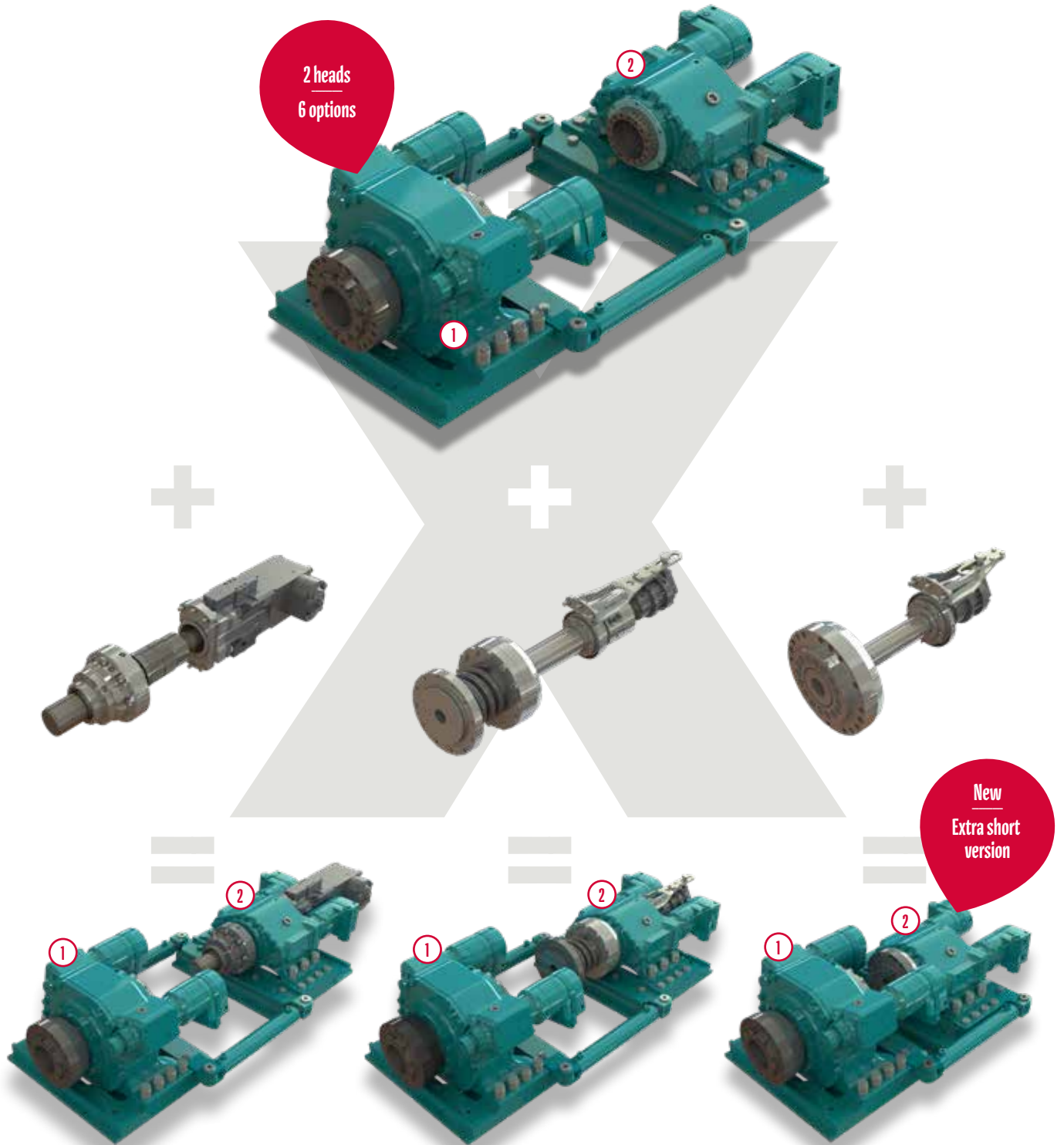
The rotary mechanism ensures the rotational movement of the inner rod.



One of  
**10.000**  
inhouse developed  
+ designed parts

## X-Factor - Possible flexible options with the same basic head

# DOUBLE HEAD DRILLING



### Option 1

- ① Drill Head 1 Rotation +
- ② Drill Head 2 Percussion

### Option 2

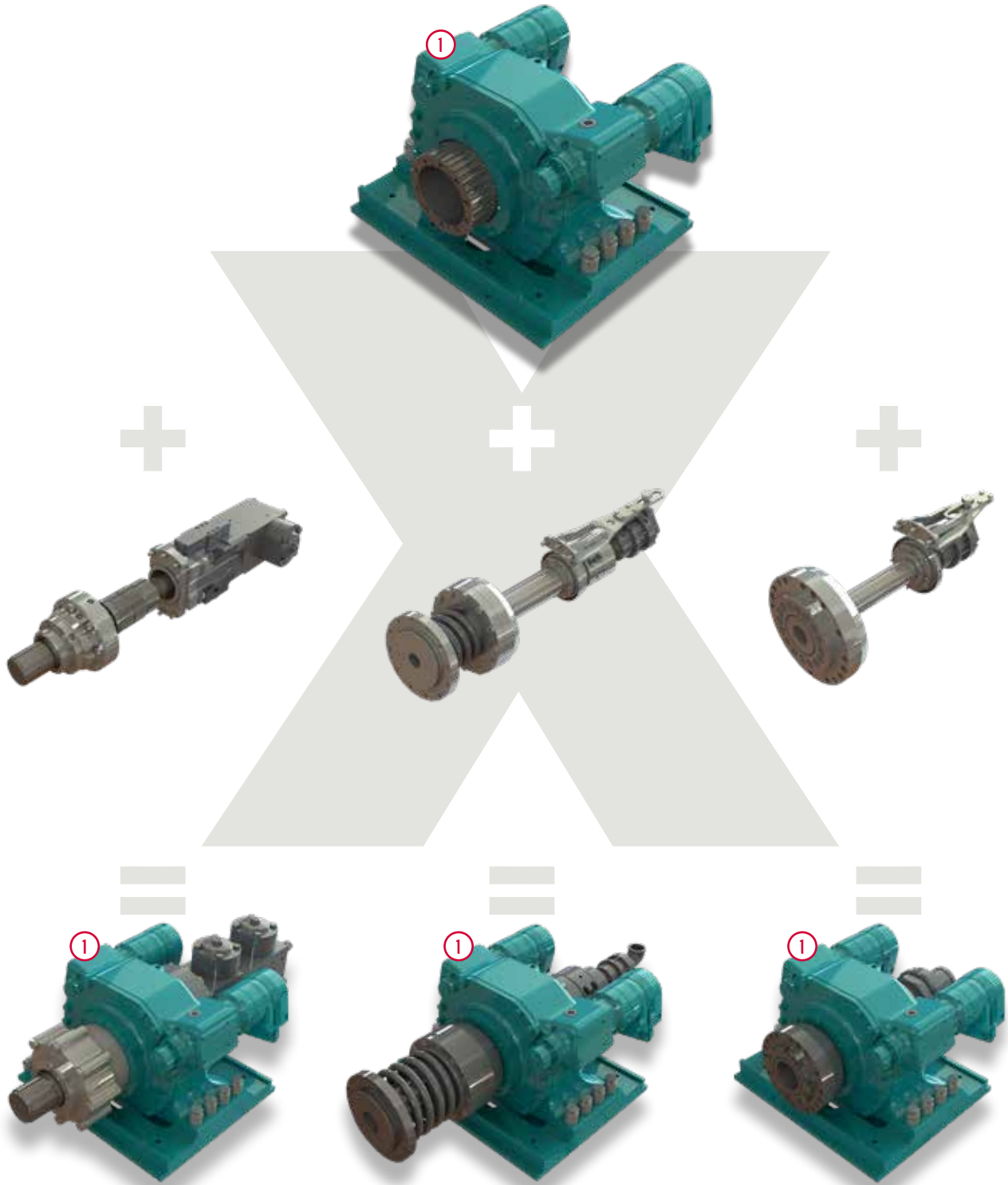
- ① Drill Head 1 Rotation +
- ② Drill Head 2 Floating Spindle

### Option 3

- ① Drill Head 1 Rotation +
- ② Drill Head 2 Rotation

**X-Factor - Possible flexible options  
with the same basic head**

# SINGLE HEAD DRILLING



**Option 4**

① Drill Head 1 Percussion

**Option 5**

① Drill Head 1 Floating Spindle

**Option 6**

① Drill Head 1 Rotation



## DH 4

		ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	kNm	5	2.12
Rotation max.	min <sup>-1</sup>	192	184

185 - 215 kg Weight · 100 kN max. allowed Traction

## DH 9

		ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	kNm	11	5
Rotation max.	min <sup>-1</sup>	110	192

340 - 420 kg Weight · 130 kN max. allowed Traction

## DH 16

		ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	kNm	16.2	11
Rotation max.	min <sup>-1</sup>	130	110

510 - 700 kg Weight · 180 kN max. allowed Traction

## DH 24

		ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	kNm	24	11
Rotation max.	min <sup>-1</sup>	88	110

570 - 760 kg Weight · 200 kN max. allowed Traction

## DH 32

		ROTARY HEAD 1	ROTARY HEAD 2
Torque max.	kNm	32	16.2
Rotation max.	min <sup>-1</sup>	66	130

685 - 875 kg Weight · 220 kN max. allowed Traction





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.