

Attachment drilling unit Light universal-carriage **AB 1300 T**

- Attachment for crawler and mobile excavators
- Large selection of carriage and hammer combinations
- Stable, light high-performance profile
- High level of standard equipment, many additional options

[weblink
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Remote control
model **T6**



Clamp-/ breaking device Ø 135mm



Single clamp **CF200**

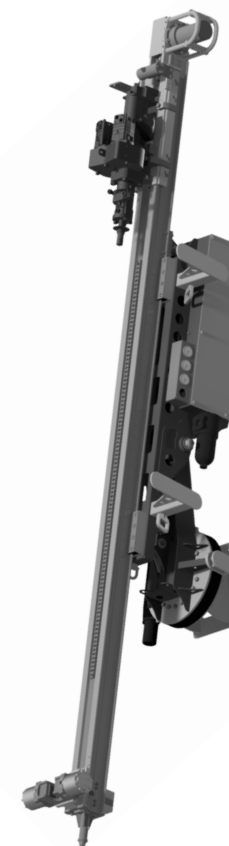
Technical details (Subject to change)

ATTENTION: the hydraulic values indicated here after are not to be considered for the regulation of the excavator – please use the instructions!

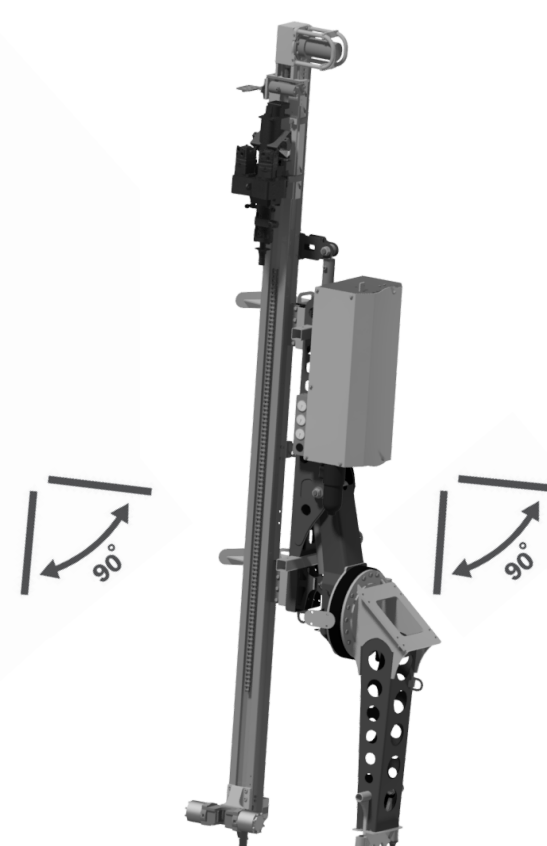
Model	AB 1300 T-5 PH / D	AB 1300 T-1	AB 1300 T-4	AB 1300 T-14, 18	AB 1300 T-20	AB1300 T-20 D
Drill hammer	MA100 / ID 160 (D)	RD106	WHL300	WHL300-14, 18	RH2X	RH2X-D
Torque max., Nm	500 / 1.000 / 1.200	100 / 160	400	1.480 (740)/1.840 (920)	2.120 (1.060)	2.120 (1.060)
Carriage type	CF310	CF310	CF310	CF310	CF310	CF310
Carriage tilting	90°	90°	90°	90°	90°	90°
Carriage rotation	360° not endless	360° not endless	360° not endless	360° not endless	360° not endless	360° not endless
Standard clamp, single	CF200	ohne	CF200	CF200	Ø 135mm	Ø 135mm
Integrated alternator	✓	✓	✓	✓	✓	✓
Remote controlled	✓	✓	✓	✓	✓	✓
Blank firing protection	✓	✓	✓	✓	✓	✓
Anti-jamming automation, hollow protection	✓	✓	✓	✓	✓	✓
Application / Shank adapter						
Drill and blast	R25, R32, T38	H19, H22, K7/8", H25 / R23-R28	R28, R32, T38	R32, T38	R32, T38	API 2 3/8"
Anchor drilling	R32, R38, R51 Titan 30/40/52	-	-	R32, R38, R51 Titan 30 - 73	R32, R38, R51 Titan 30/40/50	-
DTH - drilling / no overburden drilling	API 2 3/8" (D)	-	-	API 2 3/8"	API 2 3/8"	API 2 3/8"
Possible features / Options						
Climbversion	✓	✓	✓	✓	✓	✓
Angle indication	✓	✓	✓	✓	✓	✓
PLC-Automatic with depth measurement	✓	✓	✓	✓	✓	✓
Wimmer Cockpit	✓	✓	✓	✓	✓	✓
Possible clamp	CF200 / Ø 135mm	without / CF200	CF200	CF200 / Ø 135mm	CF200 / Ø 135mm	CF200 / Ø 135mm
Clamp-/ breaking device, double clamp	-	-	-	✓	✓	✓
Suction foot	✓	✓	✓	✓	✓	-
Requirements for the carrier device						
Carrier weight, to.	> 8	> 8	> 10	> 12	> 10	> 8
Required engine performance, kW	24	32	40	58	52	40
Oil supply (L / min)	55 @ 180 bar	85 @ 180 bar	120 @ 160 bar	140 @ 200 bar	125 @ 200 bar	95 @ 200 bar
Air supply (L / min) - percussion	4.500 @ 6 bar	-	-	-	-	-
Pressure max. relief valve (bar)	220	220	220	250	250	250
Dimensions and weight						
Weight, kg. / Standard Climb *	880 1.000	860 1.030	930 1.090	1.030 1.210	920 1.080	870 1.030
Length, mm *	5.075	5.075	5.075	5.075	5.075	5.075
Drill rod length, 1. rod mm *	3.660	4.000	3.660	3.050	3.660	4.000
Drill rod length, 2. rod mm *	3.050	3.660	3.050	3.050	3.050	3.660
Mast feed, mm / Standard Climb	550 780	550 780	550 780	550 780	550 780	550 780

* varies depending on design and application, the profile length can be adjusted as required

AB 1300 T



AB 1300 T Climb



Drill hammer,- and rotary head variants AB 1300 T

Drill hammer
MA100



Max. 1.200 Nm

Features / Shank adapter

Drill hammer configuration:
Inner thread, air flushing, pneumatic percussion, hydraulic rotation

Possible shank adapters:
R25, R32, R38, R51 TITAN 30/40/52

Motor variants / Torque:
500 Nm, 1.000 Nm, 1.200 Nm

Application:
Drill & blast with extending,
anchor drilling, drill & split

Rotary head
ID 160



Max. 1.600 Nm

Features / Shank adapter

Rotary haed (D) configuration:
Rotary drilling, air flushing,
pneumatic percussion, hydraulic rotation

Possible shank adapters:
API 2 3/8"

Application:
DTH drilling

Drill hammer
RD106



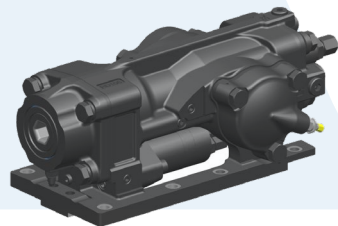
Max. 160 Nm

Variants / Shank adapter

Hexagonal variant:
Hexagon socket, air flushing via flushing pipe

Possible shank adapters:
H19, H22, H25

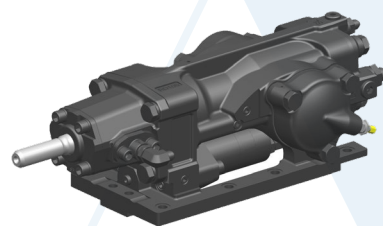
Application:
Drill & blast without extending,
drill & split



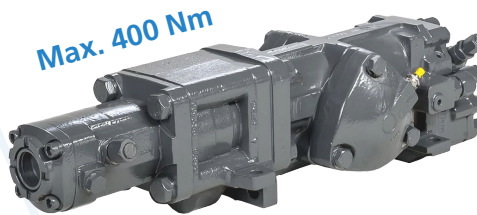
Flushing head variant
External thread, air flushing via flushing head

Possible shank adapters:
R23, R25, R28

Application:
Drill & blast with extending,
drill & split



Drill hammer
WHL300



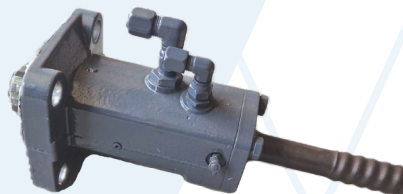
Max. 400 Nm

Flushing heads / Shank adapter

Flushing head: HL300 - standard
Shaft $\varnothing$ 32mm, suitable for air flushing

Possible shank adapters:
R28 AG / R32 AG

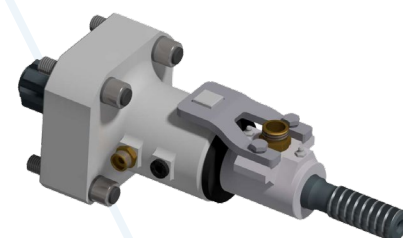
Application:
Drill & blast, drill & split



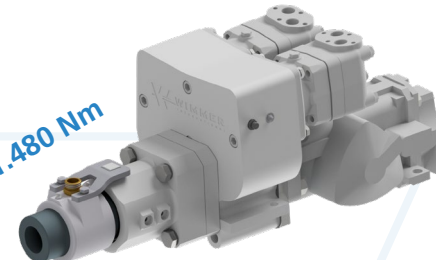
Flushing head: ID. 61275
Shaft $\varnothing$ 38mm, suitable for air & water flushing

Possible shank adapters:
R32 AG / R38 AG / T38 AG

Application:
Drill & blast, drill & split



Drill hammer
WHL300-14



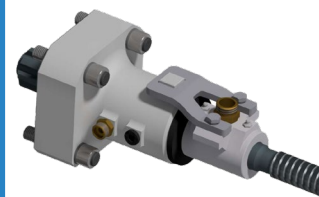
Max. 1.480 Nm

Flushing heads / Shank adapter

Flushing head: ID. 66455
Shaft $\varnothing$ 38mm suitable
for air & water flushing

Possible shank adapters:
R32 AG / R38 AG / T38 AG

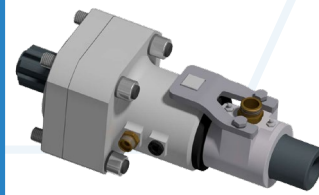
Application:
Drill & blast, drill & split



Flushing head: ID. 66453
Shaft $\varnothing$ 63mm suitable for
Injection drilling

Possible shank adapters:
Titan 30 IG / R32 IG / R38 IG /
T38 IG / Titan 40 IG / T45 IG,
AG

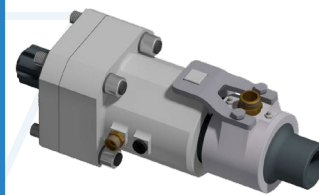
Application: Anchor drilling
(Self-drilling anchor)



Flushing head: ID. 65206
Shaft $\varnothing$ 90mm suitable for
Injection drilling

Possible shank adapters:
R51 IG / T52 IG / Titan 52 IG /
T64 IG / **API 2 3/8" / Titan
73 IG

Application: Anchor drilling
(Self-drilling anchor),
**DTH drilling



Drill hammer / Rotary head
RH2X / RH2X-D



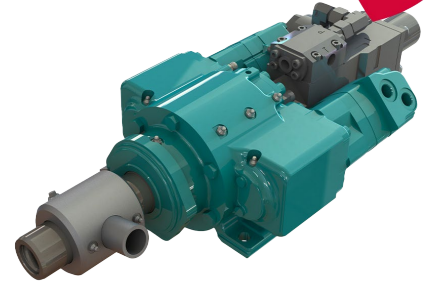
Max. 2.120 Nm

Variants / Shank adapter

Drill hammer Variant:
For impact drilling applications,
drill & blast, anchor drilling

Torque max. 2.120 Nm /
switchable to 1.060 Nm

Shank adapters:
R44 LH / RH & IB30, IB40
R32, R38, T38 & T45



available - verified
Percussion frequency
4.000 min⁻¹
Schlagfrequenz

Rotary head (D) variant:
For simple rotary drilling applications,
overburden drilling, DTH drilling

Torque max. 2.120 Nm /
switchable to 1.060 Nm

Connection: API 2 3/8"

