

Excavator Mounted Drilling Attachments

ABI

Add-on Auger Drives BA/DBA

The auger drive BA or the auger drive with centre boring DBA can be operated at all common hydraulic excavators as well as mini excavators. Together with casing twister cased drilled shaft installation is possible.

For the production of CFA piles a swivel for concreting must be mounted to the auger drive, so that immediate concreting is possible during the pulling procedure. The auger drive can be applied for ground release drilling, ground investigation, soldier pile installation, displacement augering, CFA piles, injection and soil improvement for foundations.

Contact ThyssenKrupp Steelcom for technical specifications of ABI products.

ABI auger drive BA / DBA

For augering operations:

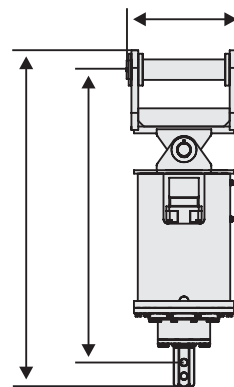
- ground release augering
- augering for ground investigation
- soldier pile installation
- displacement augering
- CFA - Piles
- injection and soil improvement for foundations

with ABI casing turn device

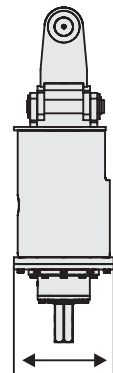
- case drilled shaft installation
- with concrete passage for cast-in-situ pile installation



Technical data		BA 1200
Torque	daNm	1200
Revolutions	min -1	73
Static extraction force max.	kN	120
Hydraulic Flow Rate	l/min	220
Required hydr. power at auger drive	kW	90
Nominal oil pressure	MPa	30
Total Weight / Transport Weight	kg	430 /530
Hexagon Connection *	mm	80
Dimensions		
Height incl connector	mm	1480
Height interlocks	mm	1290
Width	mm	515
Depth	mm	440
Transport dimensions		
Height	mm	1650
Width	mm	750
Depth	mm	710
* SW - ZSocket/male		



BA_1200_front



BA_1200_seite

Technical data		DBA 2200	DBA 3200	DBA4000	DBA 4500
Torque	daNm	2200	3200	4000	4400
Revolutions/Revolutions max.	min -1	70	50	50	50
Static extraction force max.	kN	200	200	200	200
Hydraulic Flow Rate	l/min	300	300	360	420
Required oil quantity per rotation	l	4,4	6,3	7,5	8,8
Required hydr. power at auger drive	kW	160	160	190	220
Nominal oil pressure	MPa	32	32	32	32
Total Weight / Transport Weight	kg	900/1000	1050/1340	1070/1360	1070/1360
Hexagon Connection *	mm	80	80	100	100
Concrete swivel (optional)					
Inner Diameter	mm	DN 65	DN 65	DN 65	DN 65
Dimensions					
Height incl swivel	mm	1180/1705	1950/2075	1875/2075	1875/2075
Height interlocks	mm	995	1770	1720	1720
Width / with swivel	mm	710/760	945/945	945/945	945/945
Depth / with swivel	mm	510/655	660/730	660/730	660/730
Transport dimensions (w/out swivel)					
Height	mm	1350	2370	2370	2370
Width	mm	750	1250	1250	1250
Depth	mm	710	850	850	850
* SW - ZSocket/male					