

EARTH DRILLS

FORGED HOOD EARS

Earth drill hood ears are forged to cope with the heavy strain of daily use. All hood pins are locked for extra safety making it almost impossible for the hood to detach from your hitch.

HOSE & COUPLER OPTIONS

All earth drills come standard with high quality hoses and couplers (excludes larger units).

HIGH QUALITY HYDRAULIC MOTORS

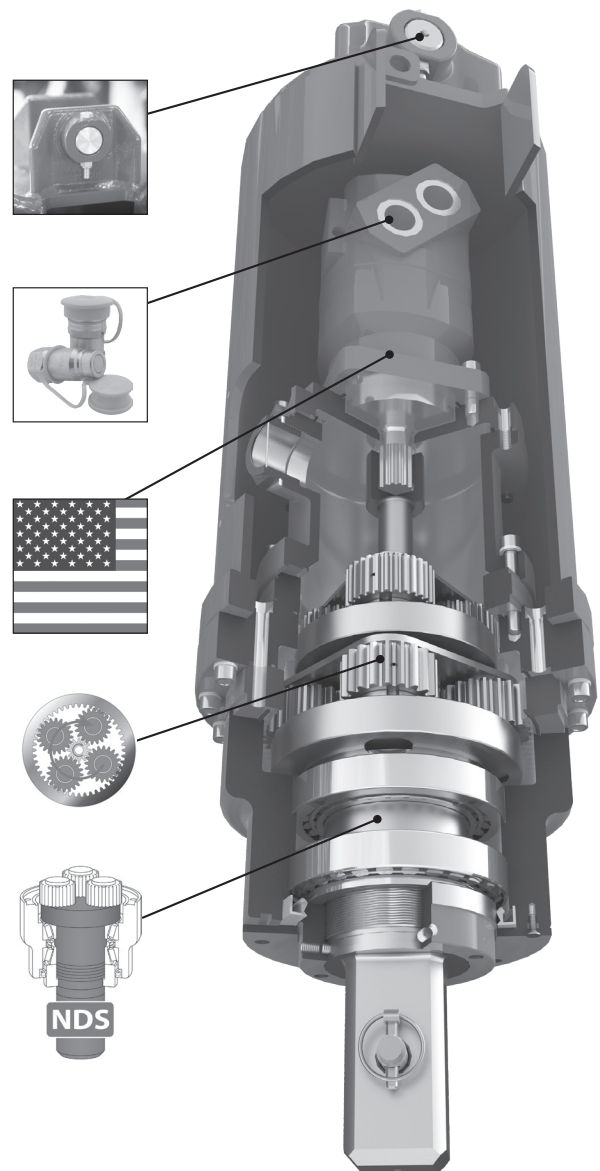
Auger Torque's huge buying power means we work closely with companies such as Eaton in America to develop the most reliable attachments available on the market today. Unlike some manufactures all our Eaton Motors are in fact USA made.

EPICYCLIC GEARBOX

Torque is amplified by using the unique Auger Torque planetary gearbox. This system allows the motor's output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.

NON-DISLODGE MENT SHAFT

Unique to Auger Torque, the Non-Dislodgement Shaft (NDS) is a single piece drive shaft assembled top down and locked into the earth drill housing. This design guarantees that the shaft will never fall out, making for a safer work environment, not only for the operator but also any surrounding workers, a MUST-HAVE FEATURE for any safety conscious company.



3000TC / 5500TC / 7000TC

Earth Drills for Truck Cranes

The robust earth drills for truck cranes up to 18,0 t/m are an economical and customized solution for earth drills e.g. for fencing, road signage, landscaping and tree planting. Well borings, screw pile installations and sound barrier installations are also no problem for the earth drills.

- Non Dislodgement Shaft (NDS) for more safety and lower down times, as this unique construction prevents the output shaft from dislodgement.
- Pre-filled with a colored gear oil. Not only is the use of a colored oil a good indicator of correct service, but it also aids identifying possible hydraulic oil leaks.
- The heavy duty fabricated hoods feature forged steel ears; these high strength ears easily transmit the high torsional loads, experienced whilst drilling, without becoming fatigued.
- Easy access oil service points.



Earth Drills for Truck Cranes 3000TC / 5500TC / 7000TC

Type	For cranes up to (t/m)	Shaft standard (mm/in)	Shaft option (mm/in)	Speed range (U/min)	Height (mm/in)	Diameter (mm/in)	Weight (kg/lbs)	Suitable augers
3000TC	9	65 / 2.56 round	2" hex; 57 / 2.24 square	7 - 46	665 / 26.18	244 / 9.61	73 / 160	S4 100 - 600
5500TC	15	75 / 2.95 square	2,5" hex	11 - 38	780 / 30.71	269 / 10.59	108 / 238	S5 150 - 800
7000TC	9 - 18	75 / 2.95 square	2,5" hex	9 - 30	780 / 30.71	269 / 10.59	110 / 242	S5 150 - 1000

Standard package consists of: Earth drill, upper suspension link

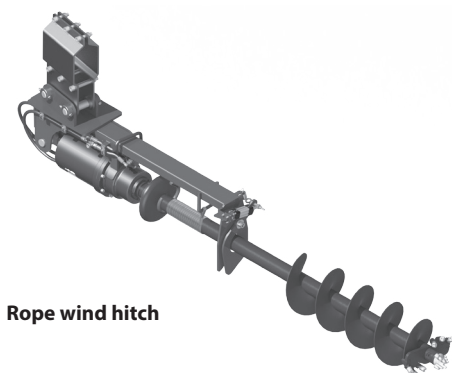
Accessories

Type	Description
S4 Extension 500	Extension suitable for earth drill 3000TC and S4 augers – 500 mm / 19.68 in length
S4 Extension 800	Extension suitable for earth drill 3000TC and S4 augers – 800 mm / 31.49 in length
S4 Extension 1000	Extension suitable for earth drill 3000TC and S4 augers – 1000 mm / 39.37 in length
S4 Extension 1200	Extension suitable for earth drill 3000TC and S4 augers – 1200 mm / 47.24 in length
S5 Extension 1000	Extension suitable for earth drills 5500TC / 7000TC and S5 augers – 1000 mm / 39.37 in length
S5 Extension 1500	Extension suitable for earth drills 5500TC / 7000TC and S5 augers – 1500 mm / 59.05 in length
S5 Extension 2000	Extension suitable for earth drills 5500TC / 7000TC and S5 augers – 2000 mm / 78.74 in length
S5 Telescopic Extension 1500	Telescopic extension suitable for earth drills 5500TC / 7000TC and S5 augers – 1500 mm / 59.05 in length
S5 Telescopic Extension 2000	Telescopic extension suitable for earth drills 5500TC / 7000TC and S5 augers – 2000 mm / 78.74 in length
Rope wind hitch	Rope wind hitch for safe position on the truck crane during transport

Technical Details

Type:	3000TC	5500TC	7000TC
Oil pressure range:	80 - 260 bar / 1152 - 3744 psi	80 - 260 bar / 1152 - 3744 psi	80 - 260 bar / 1152 - 3744 psi
Oil flow range:	5 - 35 l/min / 1.32 - 9.24 GPM	15 - 50 l/min / 3.96 - 13.21 GPM	15 - 50 l/min / 3.96 - 13.21 GPM
Torque range:	959 - 3116 Nm / 707 - 2295 ft.lbs.	1685 - 5477 Nm / 1242 - 4039 ft.lbs.	2098 - 6819 Nm / 1547 - 5029 ft.lbs.

Photos



Rope wind hitch



Extensions / telescopic extension



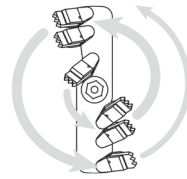
AUGERS

TELESCOPIC EXTENSION

The use of a telescopic extension speeds up the process for drilling an extended depth hole. As the telescopic extension is stored inside the auger, storage space is reduced to a minimum. In addition to the standard fixed length extension, Auger Torque produces a range of telescopic extensions for the S5 and PA ranges.

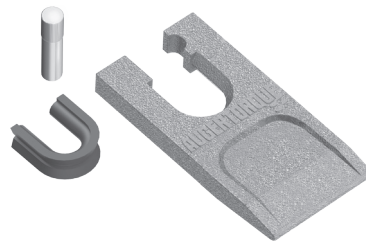
CONSTANT SPIRAL TOOTH CONFIGURATION

In addition to the "constant spiral tooth configuration" the angle of the tooth holder has also been considered. By optimizing the angle of cut, spoil is directed into the path of the auger flighting in a more efficient way.



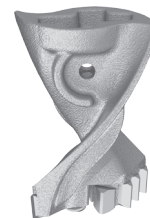
CHANGEABLE WEAR PARTS

Shock Lock™ Augers feature tooth holders which can take both earth and tungsten teeth. Interchangeable pilots allow for differing ground conditions. Rock teeth with cone locking.



PILOTS & EXTENSIONS

Earth-, tungsten-, extra dig- und rock-pilots available. Tough forged construction, easy fitting. Pilot extensions allow the auger to hold its axis accurately in tough ground conditions. Improves performance on sloping ground.



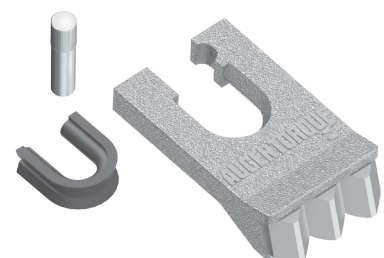
SHALLOW PITCH FLIGHTS

Piling industry technology. Holds earth on flights on removal. Most efficient ratio between quantity of earth removed and speed of operation.



PATENTED SHOCK LOCK-SYSTEM

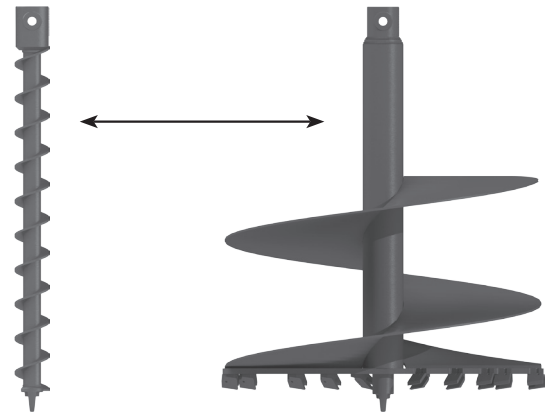
Incorporating a shock absorbing rubber element to protect the tungsten carbide on the tooth assembly coupled with a solid locking pin prevent tooth loss.



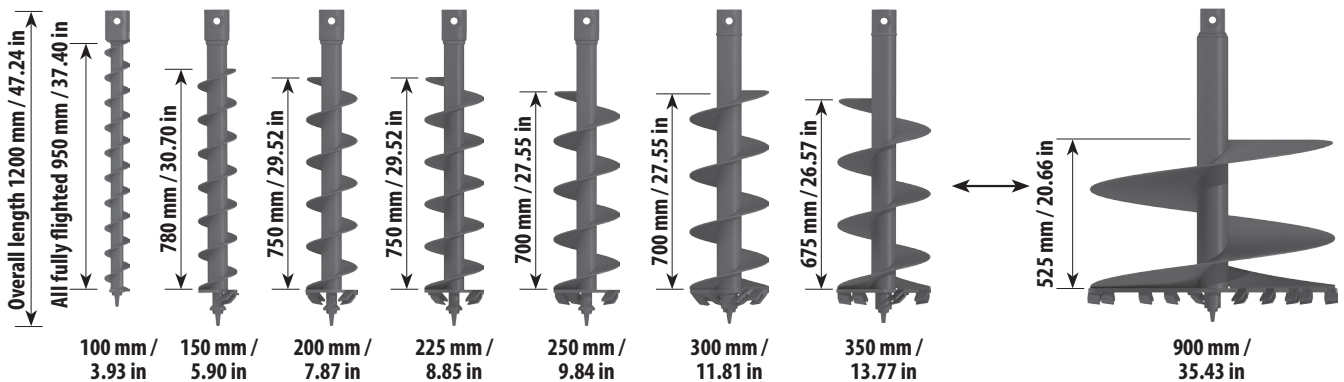
SHOCK LOCK™

The S4 auger is perfectly matched to the earth drill 1200 and every task. A constant spiral configuration and a shallow pitch flight guarantee extreme efficiency and productivity. Suitable for mini excavators from 1t / 2200 lbs to 5t / 11000 lbs operating weight, mini loaders, skidsteer loaders up to 80 PS and truck cranes up to 9 t/m .

- Higher productivity by constant spiral configuration and the perfectly angled tooth holder.
- Interchangeable pilots and teeth allow for differing ground conditions.
- Easy fitting of teeth and pilots.
- Patented Shock Lock-System: incorporating a shock absorbing rubber element to protect the tungsten carbide on the tooth assembly coupled with a solid locking pin prevent tooth loss.
- High flexibility thanks to different auger extensions.
- For earth drills: X1500, ML1500, X2000, ML2000, X2500, ML2500, 3000MAX, 3000TC, 3500MAX and 4500MAX.



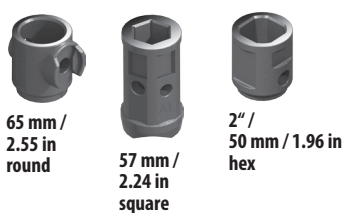
S4 Auger (please specify pilot and tooth option when ordering)			
Type	Diameter (mm/in)	Spiral length (mm/in)	Overall length (mm/in)
S4 100	100 / 3.93	950 / 37.40	1200 / 47.24
S4 150	150 / 5.90	780 / 30.70	1200 / 47.24
S4 200	200 / 7.87	750 / 29.52	1200 / 47.24
S4 225	225 / 8.85	750 / 29.52	1200 / 47.24
S4 250	250 / 9.84	700 / 27.55	1200 / 47.24
S4 300	300 / 11.81	700 / 27.55	1200 / 47.24
S4 350	350 / 13.77	675 / 26.57	1200 / 47.24
S4 375	375 / 14.76	675 / 26.57	1200 / 47.24
S4 400	400 / 15.74	625 / 24.60	1200 / 47.24
S4 450	450 / 17.71	625 / 24.60	1200 / 47.24
S4 500	500 / 19.68	625 / 24.60	1200 / 47.24
S4 550	550 / 21.65	600 / 23.62	1200 / 47.24
S4 600	600 / 23.62	600 / 23.62	1200 / 47.24
S4 700	700 / 27.55	525 / 20.66	1200 / 47.24
S4 750	750 / 29.52	525 / 20.66	1200 / 47.24
S4 800	800 / 31.49	525 / 20.66	1200 / 47.24
S4 900	900 / 35.43	525 / 20.66	1200 / 47.24



Note: all augers are fitted with shock lock tooth holder. The use of rock teeth depends on the rock tooth type of the auger. Overall length stated includes fitted wear parts.

Hub and Tooth Options

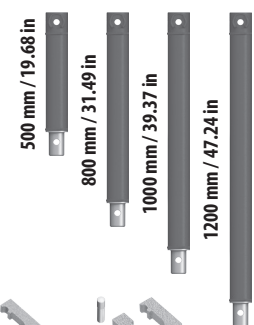
Hub options



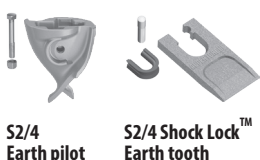
Extras



S4 Extensions



Earth wear parts

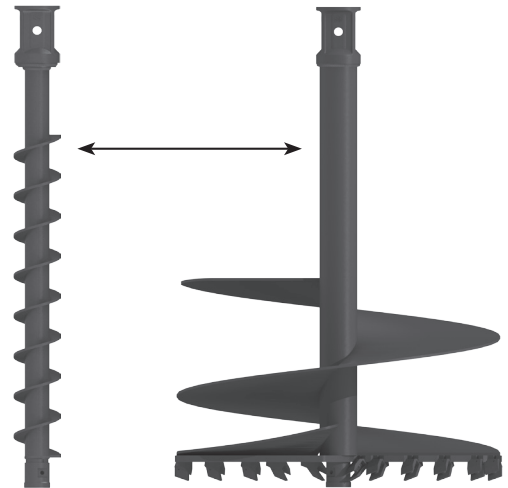


Tungsten wear parts

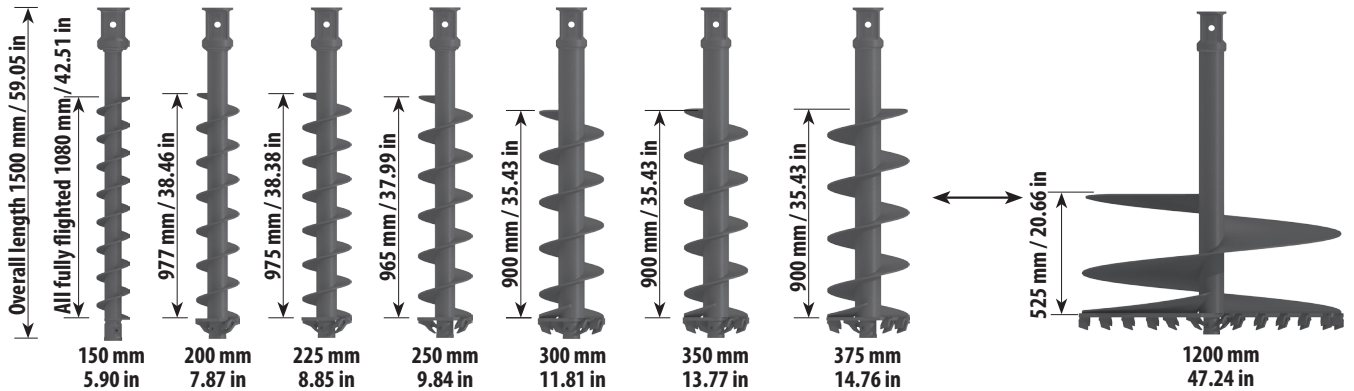


The S5 auger is perfectly matched to the corresponding earth drills and every task. A constant spiral configuration and a shallow pitch flight guarantee extreme efficiency and productivity. Suitable for excavators from 4,5t / 9900 lbs to 8t / 17600 lbs operating weight, telehandlers, high flow skidsteer loaders and truck cranes from 9 t/m up to 18 t/m.

- Higher productivity by constant spiral configuration and the perfectly angled tooth holder.
- Interchangeable pilots and teeth allow for differing ground conditions.
- Easy fitting of teeth and pilots.
- Patented Shock Lock-System: incorporating a shock absorbing rubber element to protect the tungsten carbide on the tooth assembly coupled with a solid locking pin prevent tooth loss.
- High flexibility thanks to different auger extensions and telescopic extensions.
- For earth drills: 5000, 5500MAX, 5000TC, 7000, 7000MAX, 7000TC and 8000MAX.









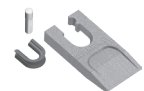





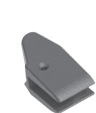




S5 Auger (please specify pilot and tooth option when ordering)			
Type	Diameter (mm/in)	Spiral length (mm/in)	Overall length (mm/in)
S5 150	150 / 5.90	1080 / 42.51	1500 / 59.05
S5 200	200 / 7.87	977 / 38.46	1500 / 59.05
S5 225	225 / 8.85	975 / 38.38	1500 / 59.05
S5 250	250 / 9.84	965 / 37.99	1500 / 59.05
S5 300	300 / 11.81	900 / 35.43	1500 / 59.05
S5 350	350 / 13.77	900 / 35.43	1500 / 59.05
S5 375	375 / 14.76	900 / 35.43	1500 / 59.05
S5 400	400 / 15.74	875 / 34.44	1500 / 59.05
S5 450	450 / 17.71	750 / 29.52	1500 / 59.05
S5 500	500 / 19.68	750 / 29.52	1500 / 59.05
S5 550	550 / 21.65	750 / 29.52	1500 / 59.05
S5 600	600 / 23.62	750 / 29.52	1500 / 59.05
S5 700	700 / 27.55	700 / 27.55	1500 / 59.05
S5 750	750 / 29.52	700 / 27.55	1500 / 59.05
S5 800	800 / 31.49	700 / 27.55	1500 / 59.05
S5 900	900 / 35.43	700 / 27.55	1500 / 59.05
S5 1000	1000 / 39.37	525 / 20.66	1500 / 59.05
S5 1200	1200 / 47.24	525 / 20.66	1500 / 59.05



Note: all augers are fitted with shock lock tooth holder. The use of rock teeth depends on the rock tooth type of the auger. Overall length stated includes fitted wear parts.

Hub and Tooth Options

<p>Hub options</p>  <p>75 mm / 2.95 in square</p>  <p>2.5" / 63,5 mm / 2.50 in hex</p>	<p>S5 Extensions</p>  <p>1000 mm / 39.37 in</p>  <p>1500 mm / 59.05 in</p>  <p>2000 mm / 78.74 in</p>	<p>S5 Telescopic extensions</p>  <p>1500 mm / 59.05 in</p>  <p>2000 mm / 78.74 in</p>	<p>Earth wear parts</p>  <p>S5/6 Earth pilot</p>  <p>S5/6 Shock Lock™ earth tooth</p>	<p>Tungsten wear parts</p>  <p>S5/6 Tungsten pilot</p>  <p>S5/6 Shock Lock™ tungsten tooth</p>
			<p>Rock wear parts</p>  <p>S5/6 Rock pilot</p>  <p>S5/6 Rock tooth</p>	<p>Extras</p>  <p>Pin & clip 57 mm / 75 mm 2.24 in / 2.95 in square</p>  <p>S5/6 Shock Lock™ Tooth holder</p>  <p>S5/6 Rock tooth holder</p>  <p>S5/6 Drive socket 1 3/4" hex</p>