



## PRODUCT PARAMETER



Model	SA 2000	SA 3000	SA 5000	SA 8000	SA 10000	SA 18000	SA 30000	SA 50000	SA 80000	SA 100000	
Excavator	0.5-2 ton	1-3 ton	3-4.5 ton	4.5-8 ton	5-10 ton	8-15 ton	15-22 ton	20-36 ton	26-40 ton	32-52 ton	
Max.Output Torque	1900 Nm	3000 Nm	5000 Nm	8000 Nm	10000 Nm	18000 Nm	30000 Nm	50000 Nm	80000 Nm	100000 Nm	
Pressure	70- 240 Bar	70- 240 Bar	80- 240 Bar	80- 260 Bar	80- 260 Bar	80- 240 Bar	160- 260 Bar	220- 350 Bar	220- 350 Bar	250- 300 Bar	
Oil Flow	27- 75 LPM	27- 75 LPM	50- 95 LPM	60- 135 LPM	60- 135 LPM	80- 170 LPM	80- 170 LPM	100- 300 LPM	200- 400 LPM	300- 477 LPM	
Rated Power	19 kw	24 kw	42 kw	67 kw	80 kw	80 kw	94 kw	157 kw	167 kw	157 kw	
Output Shaft Size	65mm round / 2" hex / 57mm square	65mm round / 2" hex / 57mm square	65mm round / 2" hex / 57mm square	2.5" hex / 75mm square	2.5" hex / 75mm square	75mm square	75mm square	110mm square	110mm square	110mm square	
Output Shaft Speed	30- 95 RPM	35- 88 RPM	42- 80 RPM	35- 80 RPM	35- 80 RPM	20- 42 RPM	12- 28 RPM	0- 30 RPM	0- 20 RPM	0- 15 RPM	
Weight	41 kgs	41 kgs	66 kgs	124 kgs	131 kgs	165 kgs	255 kgs	460 kgs	770 kgs	1050 kgs	
Overall Length	606 mm	606 mm	687 mm	808 mm	808 mm	937 mm	1158 mm	1354 mm	1572 mm	1725 mm	
Hydraulic Hose	1/2" BSP	1/2" BSP	1/2" BSP	1/2" BSP(或 3/4" BSP)	1/2" BSP(或 3/4" BSP)	3/4" BSP	1" BSP	1" BSP 1-1/4"	SAE FS- 20 1- 1/4"	SAE FS- 20 G1- 1/4"	
Recommended Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch	 Single Pin Hitch    Double Pin Cradle Hitch
Recommended Auger Hub	 65mm round    2" hex	 65mm round    2" hex	 65mm round    2" hex    2.5" hex	 75mm square    2.5" hex	 75mm square    2.5" hex	 75mm square	 75mm square	 110mm square	 110mm square	 110mm square	
Recommended Auger Diameter	 150-400 mm	 150-500 mm	 150-900 mm	 150-900 mm	 150-1000 mm	 150-1200 mm	 150-1500 mm	 300-1800 mm	 300-2000 mm	 300-2200 mm	
Auger Extension	Customizable										

# DRILLING PERFORMANCE REFERENCE

<b>Auger</b> SA 2000	Diameter(mm)	150	200	250	300	350	400								
	Drilling Depth (m)	Soft	3.5	3.0	2.5	2.5	2.4	2.0							
		Medium	3.5	3.0	2.4	2.4	2.2	1.8							
		Hard	3.0	3.0	2.2	2.2	2.0	1.5							
<b>Auger</b> YA 3000	Diameter(mm)	150	200	250	300	350	400	450	500						
	Drilling Depth (m)	Soft	3.5	3.0	2.5	2.5	2.4	2.0	1.7	1.5					
		Medium	3.5	3.0	2.4	2.4	2.2	1.8	1.6	1.4					
		Hard	3.0	3.0	2.2	2.2	2.0	1.5	1.5	1.3					
<b>Auger</b> SA 5000	Diameter(mm)	150-600	650	700	750	800	850	900							
	Drilling Depth (m)	Soft	4.5	3.2	3.0	2.6	2.0	1.7	1.5						
		Medium	4.2	3.7	2.8	2.4	1.8	1.6	1.3						
		Hard	3.5	3.3	2.5	2.1	1.7	1.4	1.2						
<b>Auger</b> SA 8000	Diameter(mm)	150-500	550	600	650	700	750	800	850	900					
	Drilling Depth (m)	Soft	6.5	4.5	4.0	4.0	4.0	3.6	3.0	2.6	2.5				
		Medium	5.5	4.5	3.7	3.7	3.7	3.5	2.8	2.7	2.2				
		Hard	5.0	3.5	3.5	3.5	3.2	3.0	2.4	2.4	2.0				
<b>Auger</b> SA 10000	Diameter(mm)	150-500	550	600	650	700	750	800	850	900	1000				
	Drilling Depth (m)	Soft	6.5	4.5	4.0	4.0	4.0	3.6	3.0	2.6	2.5	2.3			
		Medium	5.5	4.5	3.7	3.7	3.7	3.5	2.8	2.7	2.2	1.9			
		Hard	5.0	3.5	3.5	3.5	3.2	3.0	2.4	2.4	2.0	1.5			
<b>Auger</b> SA 18000	Diameter(mm)	150-400	500	600	650	700	750	800	850	900	950	1000	1100	1200	
	Drilling Depth (m)	Soft	8.6	7.2	7.1	7.0	6.5	6.1	6.0	5.7	5.5	5.3	5.0	4.7	4.5
		Medium	7.6	6.4	6.4	6.2	5.8	5.4	5.3	5.2	5.0	4.6	4.5	4.2	4.0
		Hard	7.0	5.8	5.7	5.5	5.4	5.0	4.8	4.6	4.6	4.3	4.2	4.0	3.7
<b>Auger</b> SA 30000	Diameter(mm)	150-400	450	500	550	600	650	700	800	900	1000	1100	1200	1500	
	Drilling Depth (m)	Soft	9.0	8.6	8.6	8.6	8.6	8.4	8.0	7.6	7.0	6.5	6.3	6.0	5.0
		Medium	8.2	7.7	7.7	7.7	7.7	7.5	7.3	6.8	6.3	6.0	5.7	5.5	4.6
		Hard	7.3	7.0	7.0	7.0	7.0	6.8	6.6	6.2	5.7	5.3	5.0	4.8	4.0
<b>Auger</b> SA 50000	Diameter(mm)	300-450	500	550	600	650	700	800	900	1000	1100	1200	1500	1800	
	Drilling Depth (m)	Soft	12	12	11	11	11	10	9	9	8	8	7	6	4
		Medium	11	11	10	10	10	9	7	7	6	6	5	5	3.3
		Hard	8	8	7	7	7	7	6	6	5	5	5	4	2.5
<b>Auger</b> SA 80000	Diameter(mm)	300-600	700	800	900	1000	1100	1200	1500	1800	2000				
	Drilling Depth (m)	Soft	15	14	14	14	12	12	10	8	8	7			
		Medium	11	10	10	10	9	9	8	7	7	6			
		Hard	8	7	7	7	7	7	6	6	6	5			

