

Features

- Forged Hood Ears to cope with the heavy strain of daily use
- Hose are absolutely high quality
- Top quality hydraulic motors, we adopt most reliable hydraulic motor available market in this market today
- Planetary gear allows the motors output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.



1. Double Pin Hitch
2. Hoses
3. Auger Drive
4. Auger Drill
5. Teeth & Pilot

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Auger Attachments



05-06

Mini Excavators 1T to 5T



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Excavators 4.5T to 10T & Backhoes



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Excavators 8T to 20T



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Excavators 21T to 50T
Earth Auger Accessories



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Stump Planner & Mixer Bowls





RAY Earth Auger for Mini Excavator 1T to 5T

Application

Ray Earth Auger can be mounted to all common hydraulic excavators as well as mini excavators, like skid steer loader and backhoe loader.

Auger drive can be applied for ground release drilling, ground investigation, soldier pile installation, displacement augering, injection and soil improvement for foundations.



REA2000~4500

Name	Unit	REA2000	REA2500	REA3000	REA3500	REA4500
Part No.	-	102000	102500	103000	103500	104500
Carrier	T	1 ~ 2.5	1.5 ~ 3	2 ~ 3.5	2.5 ~ 4.5	3 ~ 5
Max Torque	N.m	1871	2432	2877	3614	4218
Pressure	Bar	205	205	240	240	240
Oil Flow Range	GPM	6 ~ 14	8 ~ 16	8 ~ 16	8 ~ 18	10 ~ 20
Rotary Speed	rpm	40 ~ 92	40 ~ 82	40 ~ 81	32 ~ 72	32 ~ 64
Hydraulic Hose	Inch	1/2	1/2	1/2	1/2	1/2
Output Shaft	mm	Φ65	Φ65	Φ65	Φ65	Φ65
Unit Weight	Kg	50	51	75	76	77
Unit Height	mm	595	595	700	700	700
Unit Max.Dia.	mm	200	200	244	244	244
Auger Series	mm	S4	S4	S4	S4	S4
Auger Length	mm	1200	1200	1200	1200	1200
Drill Dia. Range	mm	100 ~ 400	100 ~ 500	100 ~ 600	100 ~ 750	100 ~ 900



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Mini Excavator Pin Hitch Options

Fit to REA2000~4500



Pin Size	Single Pin Hitch	Double Pin Hitch	Double Pin Cradle Hitch
	Part No.	Part No.	Part No.
25mm	1H2510	1H2520	1H2530
30mm	1H3010	1H3020	1H3030
35mm	1H3510	1H3520	1H3530
40mm	1H4010	1H4020	1H4030

S4 Extension Shaft - 65mm Round Drive



Length	Part No.
500mm	14E050
800mm	14E080
1000mm	14E100

Pin hitch, Auger drill and Extension Shaft can be also designed and made by your requirement.

S4 Auger Drill - 65mm Round Drive (1.2M)

Model	Drill Dia.	100mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	600mm	750mm	900mm
	Part No.	14A010	14A015	14A020	14A025	14A030	14A035	14A040	14A045	14A050	14A060	14A075	14A090
REA2000	100-400mm	*	*	*	*	*	*	*					
REA2500	100-500mm	*	*	*	*	*	*	*	*	*			
REA3000	100-600mm	*	*	*	*	*	*	*	*	*	*		
REA3500	100-750mm	*	*	*	*	*	*	*	*	*	*	*	
REA4500	100-900mm	*	*	*	*	*	*	*	*	*	*	*	*

Replacement drill options



Tungsten type



Rock type





RAY Earth Auger for Excavator 4.5T to 10T

Application

Ray Earth Auger can be mounted to all common hydraulic excavators as well as mini excavators, like skid steer loader and backhoe loader.

Auger drive can be applied for ground release drilling, ground investigation, soldier pile installation, displacement augering, injection and soil improvement for foundations.



REA5000~8000

Name	Unit	REA5000	REA5500	REA6000	REA7000	REA8000
Part No.	-	105000	105500	106000	107000	108000
Carrier	T	4.5 ~ 7	5 ~ 7	6 ~ 8	7 ~ 10	8 ~ 12
Max Torque	N.m	5056	5910	6150	6931	8048
Pressure	Bar	240	240	240	240	240
Oil Flow Range	GPM	10 ~ 20	12 ~ 21	12 ~ 28	16 ~ 31	16 ~ 35
Rotary Speed	rpm	29 ~ 58	28 ~ 50	34 ~ 80	37 ~ 72	29 ~ 64
Hydraulic Hose	Inch	1/2	1/2	3/4	3/4	3/4
Output Shaft	mm	□75	□75	□75	□75	□75
Unit Weight	Kg	110	112	128	130	132
Unit Height	mm	780	780	850	850	850
Unit Max.Dia.	mm	269	269	269	269	269
Auger Series	mm	S5	S5	S5	S5	S5
Auger Length	mm	1500	1500	1500	1500	1500
Drill Dia. Range	mm	150 ~ 600	150 ~ 750	150 ~ 900	150 ~ 900	150 ~ 900

IA INTERNATIONAL ATTACHMENTS

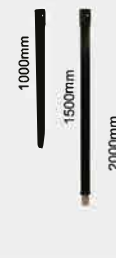
Excavator Pin Hitch Options

Fit to REA5000-8000



Pin Size	Single Pin Hitch	Double Pin Hitch	Double Pin Cradle Hitch
	Part No.	Part No.	Part No.
40mm	1H4010	1H4020	1H4030
45mm	1H4510	1H4520	1H4530
50mm	1H5010	1H5020	1H5030
55mm	1H5510	1H5520	1H5530

S5 Extension Shaft - 75mm Square Drive



Length	Part No.
1000mm	15E100
1500mm	15E150
2000mm	15E200

Pin hitch, Auger drill and Extension Shaft can be also designed and made by your requirement.

S5 Auger Drill - 75mm Square Drive (1.5M)

Model	Drill Dia.	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	600mm	750mm	800mm	900mm
	Part No.	15A015	15A020	15A025	15A030	15A035	15A040	15A045	15A050	15A060	15A075	15A080	15A090
REA5000	150-600mm	*	*	*	*	*	*	*	*	*			
REA5500	150-750mm	*	*	*	*	*	*	*	*	*	*		
REA6000	150-900mm	*	*	*	*	*	*	*	*	*	*	*	*
REA7000	150-900mm	*	*	*	*	*	*	*	*	*	*	*	*
REA8000	150-900mm	*	*	*	*	*	*	*	*	*	*	*	*



Replacement drill options





RAY Earth Auger for Excavator 8T to 20T

Application

Ray Earth Auger can be mounted to all common hydraulic excavators as well as mini excavators, like skid steer loader and backhoe loader.

Auger drive can be applied for ground release drilling, ground investigation, soldier pile installation, displacement augering, injection and soil improvement for foundations.



REA10000~25000

Name	Unit	REA10000	REA12000	REA15000	REA20000	REA25000
Part No.	-	110000	112000	115000	120000	125000
Carrier	T	10 ~ 13	13 ~ 17	13 ~ 17	13 ~ 20	15 ~ 23
Max Torque	N.m	10778	11976	15046	19039	24949
Pressure	Bar	240	240	240	240	250
Oil Flow Range	GPM	18 ~ 35	21 ~ 36	21 ~ 39	21 ~ 45	23 ~ 47
Rotary Speed	rpm	26 ~ 45	22 ~ 43	20 ~ 39	17 ~ 34	16 ~ 30
Hydraulic Hose	Inch	3/4	1	1	1	1
Output Shaft	mm	□75	□75	□75	□75	□75
Unit Weight	Kg	167	167	167	185	185
Unit Height	mm	930	930	930	930	930
Unit Max.Dia.	mm	290	290	290	290	290
Auger Series	mm	S6	S6	S6	S6	S6
Auger Length	mm	1750	1750	1750	1750	1750
Drill Dia. Range	mm	150 ~ 900	150 ~ 900	150 ~ 1200	150 ~ 1200	150 ~ 1200

Excavator Pin Hitch Options

Fit to REA10000~25000



Pin Size	Double Pin Hitch	Double Pin Cradle Hitch
	Part No.	Part No.
50mm	1H5020	1H5030
55mm	1H5520	1H5530
60mm	1H6020	1H6030
65mm	1H6520	1H6530
70mm	1H7020	1H7030
80mm	1H8020	1H8030



S6 Extension Shaft-75mm Square Drive



Length	Part No.
160 inch	16E150
78 inch	16E200
118 inch	16E300

Pin hitch, Auger drill and Extension Shaft can be also designed and made by your requirement.

S6 Auger Drill - 75mm Square Drive (1.75M)

Model	Drill Dia.	150mm	200mm	250mm	300mm	350mm	400mm	450mm	500mm	600mm	750mm	800mm	900mm	1200mm
	Part No.	16A015	16A020	16A025	16A030	16A035	16A040	16A045	16A050	16A060	16A075	16A080	16A090	16A120
REA10000	6"-35"	*	*	*	*	*	*	*	*	*	*	*	*	
REA12000	6"-35"	*	*	*	*	*	*	*	*	*	*	*	*	
REA15000	6" - 48"	*	*	*	*	*	*	*	*	*	*	*	*	*
REA20000	6" - 48"	*	*	*	*	*	*	*	*	*	*	*	*	*
REA25000	6" - 48"	*	*	*	*	*	*	*	*	*	*	*	*	*

Con

Replacement drill options



Tungsten Pilot



Rocky Pilot



Tungsten Teeth



Rocky Teeth





RAY Earth Auger for Excavator 21T to 50T

Application

Ray Earth Auger can be mounted to all common hydraulic excavators as well as mini excavators, like skid steer loader and backhoe loader.

Auger drive can be applied for ground release drilling, ground investigation, soldier pile installation, displacement augering, injection and soil improvement for foundations.

REA50000



Color Options

Model	REA50000
Carrier	21-50
Torque	50195
Pressure	280
Oil Flow Range	26-73
Rotary Speed	11 ~ 30
Hydraulic Hose	1-1/2
Output Shaft	□110
Unit Weight	480
Unit Height	1420
Unit Max.Dia.	450
Hitch options	"Double Pin HitchCradle Hitch"
Auger Series	PA
Auger Length	2300
Auger dia. Range	300-2400

PA Extension Shaft

□110mm Square Drive

Length	Part No.
2000mm	1PE200
3000mm	1PE300



PA Auger Drill

□110mm Square Drive
Auger Dia.: 300-2400mm
Auger Length: 2.30m



IA INTERNATIONAL ATTACHMENTS

Earth Auger Accessories

Pin Hitch »



Single Pin Hitch



Double Pin Hitch



Double Pin Cradle Hitch



S4 Auger Ware Parts »



Tungsten Pilot



Rocky Pilot



Tungsten Teeth

Rocky Teeth

Bolt and lock



Connecting Pin



Auger Sleeve



Rocky Pilot Joint



Teeth Holder

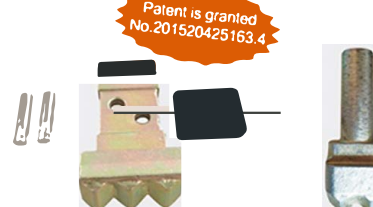
S5/S6 Auger Ware Parts »



Tungsten Pilot



Rocky Pilot



Tungsten Teeth

Rocky Teeth

Bolt and lock



Connecting Pin



Auger Sleeve



Rocky Pilot Joint



Teeth Holder