



DRIVE SOLUTION FOR INCHING DRIVES

Smoother, smaller, smarter

Whether you work with mills, crushers, kilns or other rotating equipment, inspection and maintenance can be easier with a Häggglunds hydraulic direct drive system. When it comes to inching drums or shafts, no other solution puts such high controllability into such a compact package.

Rugged and reliable, our inching drive solution builds on a low-speed, high-torque Häggglunds motor with an integrated parking brake. Set in a mounting bracket, the motor connects to your machine by means of a dog clutch – with no gearbox between. A Häggglunds drive unit supplies the hydraulic power, letting the motor turn your machine as slowly as you need it to.

With this setup, you can rotate your drum or shaft exactly, backwards or forwards, and stop it at any degree of rotation. The integrated brake locks your equipment securely in position, while the optional handheld control device allows for a good overview of the working environment. This ensures safety during your maintenance work.



FEATURES

- Excellent control over forward/reverse rotation and braking – for precise positioning
- Infinitely variable speed for every inching demand
- Remote operation and parking brake as standard to ensure a safe working environment

Examples of drive solutions for inching drives

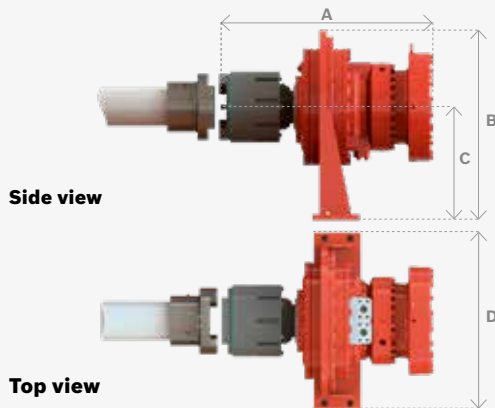
General data basic packages for inching equipment

Note: Other sizes and configurations available upon request.

Size	Starting Torque (kNm)	Nominal Torque (kNm)	Hägglungs Motor	Hägglungs Hydraulic Pump and Electric Motor						Max. parking brake torque (kNm)
				Max Hägglungs motor speed (rpm)*						
				SP 40	SP 71	SP 125	SP 180	SP 250	SP 355	
				22 kW/ 30 hp	37 kW/ 50 hp	75 kW/ 100 hp	90 kW/ 125 hp	132 kW/ 200 hp	200 kW/ 300 hp	
1	15	9	CA 50	16	28	50				15
2	21	13	CA 70	11	20	35	51			24
3	30	18	CA 100	8	14	25	36	50		37
4	42	25	CA 140		10	17	25	35	50	42
5	62	38	CA 210		6	11	17	23	33	66
6	83	50	CB 280			8	12	17	25	90
7	119	72	CB 400			6	9	12	17	142
8	167	101	CB 560				6	8	12	250
9	250	151	CB 840					6	9	250

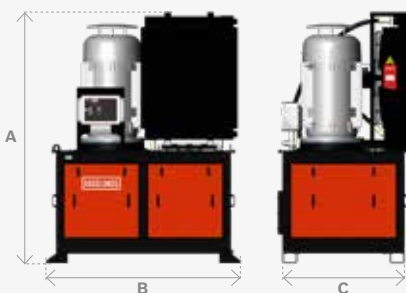
*) Valid for 50 Hz systems

Dimensions Hägglungs motor with brake, mounting bracket and dog clutch



Size	A		B		C		D	
	mm	inch	mm	inch	mm	inch	mm	inch
1	765	30.12	625	24.61	350	13.78	690	27.17
2	815	32.09	625	24.61	350	13.78	690	27.17
3	906	35.67	805	31.69	480	18.90	750	29.53
4	906	35.67	805	31.69	480	18.90	750	29.53
5	1119	44.06	805	31.69	480	18.90	750	29.53
6	1208	47.56	1156	45.51	700	27.56	1200	47.24
7	1368	53.86	1156	45.51	700	27.56	1200	47.24
8	1517	59.72	1355	53.35	750	29.53	1340	52.76
9	1687	66.42	1355	53.35	750	29.53	1340	52.76

Dimensions Hägglungs drive unit



Frame size	Pump setup	A max.		B		C	
		mm	inch	mm	inch	mm	inch
SP 40 – SP 180 22 kW/30 hp – 90 kW/125 hp	Single	2220	87.40	1800	70.87	1000	39.37
SP 250 – SP 355 132 kW/200 hp – 200 kW/300 hp	Single	2900	114.17	2000	78.74	1250	49.21

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Hägglungs is a brand of Rexroth, a leading global supplier of drive and control technologies.

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