

Hydraulic swing-beam shear  
**HGS**  
with ELGO control



T e c h n i c a l   D a t a s h e e t



- Hydraulic swing-beam shear with fixed rake angle is intended for high-quality cutting of various sheet materials at high-speeds; it is a powerful metal working tool.
- The machine's cylinder rods are manufactured by Koyahan - one of the most renowned European hydraulics companies. They are made of a special ground alloy steel.

#### Standard configuration:

- ✓ Mono block, welded steel frame of high tensile material
- ✓ ELGO-driven backgauge of 1000 mm (39.4"), with automatic swing-away feature
- ✓ Powerful hold downs to avoid material movement during the cutting action
- ✓ Roller bearings on the table to ease placement of sheets
- ✓ Honed hydraulic cylinders and chrome coated pistons
- ✓ High quality top and bottom blades, bottom: 4 cutting sides, top: 2 cutting sides
- ✓ Hoerbiger hydraulic system
- ✓ 3 front support arms with ruler and flip-stop
- ✓ Manual blade gap adjustment
- ✓ Safety light curtain at rear
- ✓ Foot pedal
- ✓ Cutting line illumination
- ✓ Side and rear guards
- ✓ Cutting length adjustment
- ✓ Operation manual

Technical specifications	HGS								
	3006	3010	3013	3016	3020	4006	4010	4014	4016
Capacity of cut (mild steel), mm	6 (1/4")	10 (3/8")	13 (1/2")	16 (5/8")	20 (3/4")	6 (1/4")	10 (3/8")	14 (1/2")	16 (5/8")
Cut length, mm	3000 (118")	3000 (118")	3000 (118")	3000 (118")	3000 (118")	4000 (157")	4000 (157")	4000 (157")	4000 (157")
Cutting angle, °	1.5	2	2.1	2.25	2.75	1.5	1.5	1.8	2
Hold downs, pc.	12	14	14	17	17	18	17	18	18
Stroke per min	18-23	13-19	10-14	7-10	7-10	10-14	11-17	6-20	5-16
Table height, mm	850 (33.5")	850 (33.5")	860 (34")	850 (33.5")	900 (35.4")	850 (33.5")	865 (34.1")	900 (35.4")	900 (35.4")
Machine length, mm	4300 (169")	4350 (171")	4400 (173")	4450 (175")	4450 (175")	5340 (210")	5370 (211")	5450 (215")	5480 (216")
Machine height, mm	1650 (65")	2200 (87")	2400 (94.5")	2400 (94.5")	2600 (102")	2150 (85")	2380 (93.7")	2400 (94")	2420 (95")
Hydraulic tank, l	160 (42 gal)	230 (60 gal)	230 (60 gal)	315 (82 gal)	350 (92 gal)	220 (58 gal)	280 (74 gal)	370 (98 gal)	370 (98 gal)
Main motor, kW	11 (15 Hp)	22 (30 Hp)	22 (30 Hp)	30 (40 Hp)	45 (60 Hp)	11 (15 Hp)	22 (30 Hp)	30 (40 Hp)	30 (40 Hp)
Weight, kg	6000 (13,200 lbs)	9000 (19,800 lbs)	11000 (24,200 lbs)	16500 (36,300 lbs)	21000 (46,200 lbs)	10200 (22,440 lbs)	16500 (36,300 lbs)	20000 (44,000 lbs)	23000 (50,600 lbs)
Item-No.	<b>9220003</b>	<b>9220004</b>	<b>9220005</b>	<b>9220006</b>	<b>9220007</b>	<b>9220008</b>	<b>9220010</b>	<b>9220011</b>	<b>9220012</b>

\*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.