

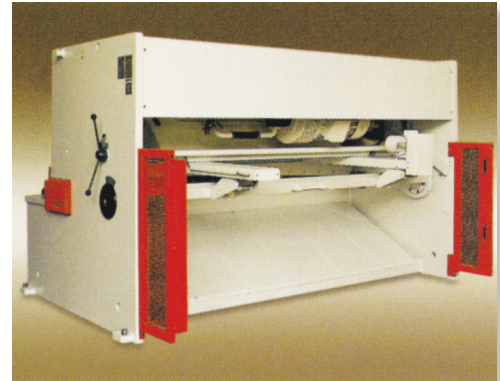
BAYKAL

MGH hydraulic swing-beam shears

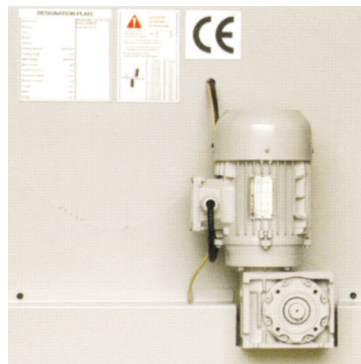


DESIGN AND OPERATING FEATURES

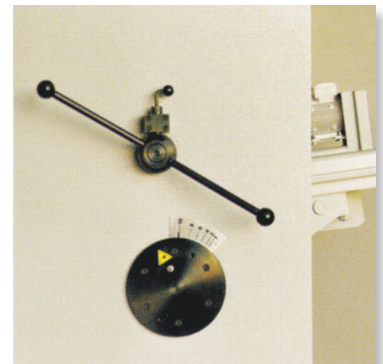
- Welded all-steel frame providing maximum rigidity and cutting accuracy out of certified ST44-2 steel
- Swinging top beam working on high precision and self-aligning roller bearings
- Rapid single point blade gap adjustment
- 39" Swing-up backgauge system for shearing longer pieces than maximum backgauge range
- Backgauge retract function
- Compact, low-maintenance hydraulic unit located above oil tank
- Easily servicable hydraulic cylinders in series connection
- Fine adjustment of blades from lower beam
- Adjustable stroke length to increase number of strokes on shorter cuts
- 9.8" side frame throat gaps allowing continuous strip slitting



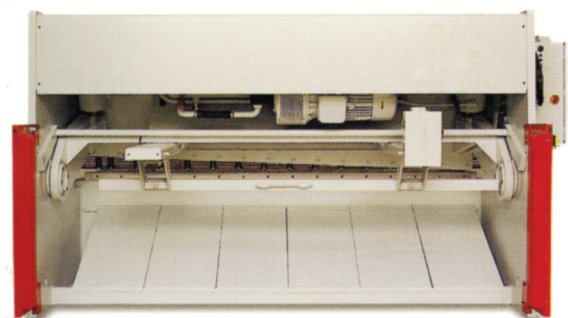
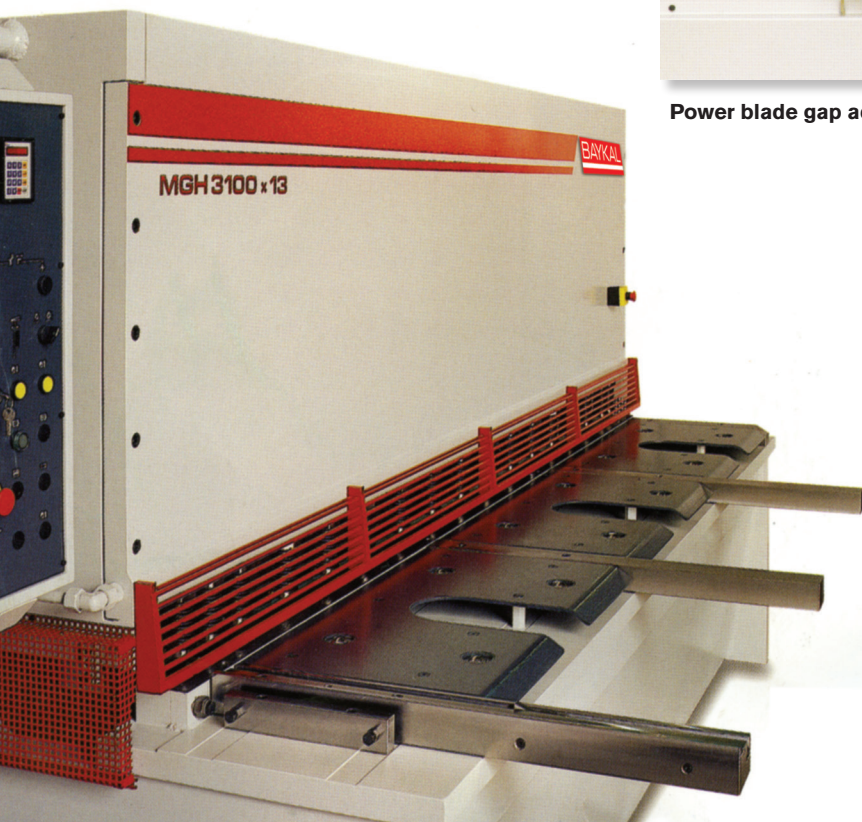
Rear safety light guard



Power blade gap adjustment



Manual blade gap adjustment



STANDARD EQUIPMENT



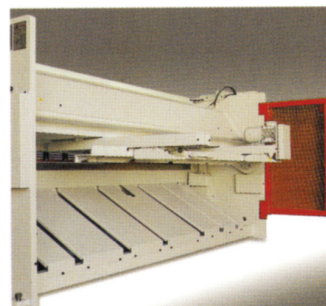
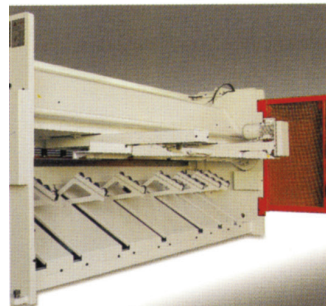
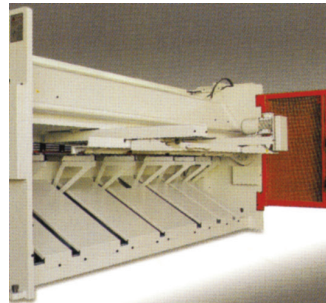
- Shear blades made from tough and wear-resistant alloyed material
 - Top blade : two cutting edges
 - Bottom blade : four cutting edges
- 39" power backgauge with ballscrew spindles to .004" precision
- Cybelec Touchscreen Controller
- Digital stroke counter
- Foot pedal control for single and repetitive cutting cycles
- 39" squaring arm with scale, T-slot and flip-stop
- Front support arms in 39" length
- Work table with filler plates, ball transfers and hand slots
- (3) Emergency stop buttons
- Shadow cut line with fluorescent lighting to assist cutting without backgauge
- Laser finger guard and side throat guards
- Rear safety guarding
- Cut length adjustment
- Manual jog mode for backgauge



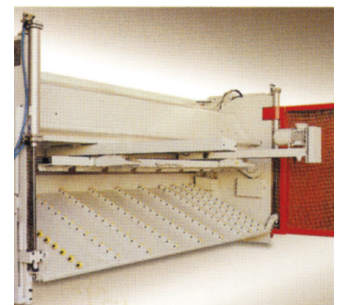
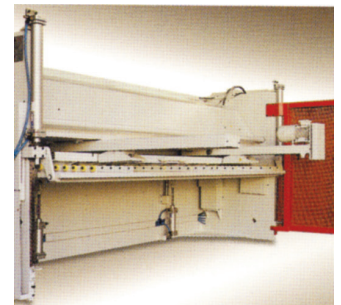
CybTouch 6 touch screen controller

OPTIONAL EQUIPMENT

- Power blade gap adjustment
- Pneumatic rear support systems for thin sheets
- Squaring arm and front arm length other than standard
- T-slotted front support arms with scale and flip-stop
- Throat gap deeper than standard
- Angle gauge

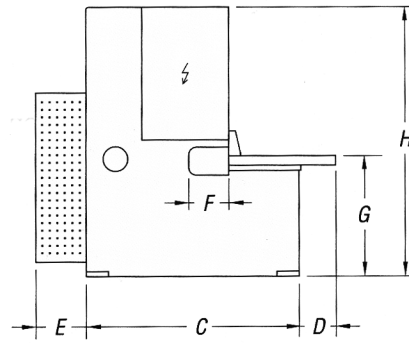
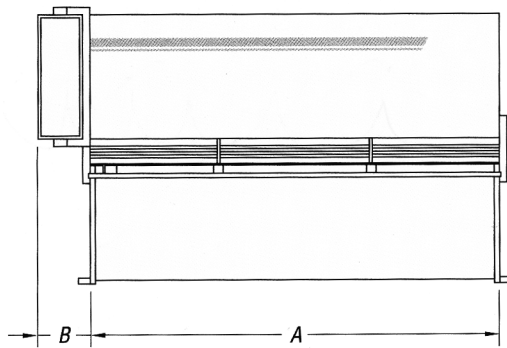


Type A pneumatic rear sheet support system



Type B pneumatic rear sheet support system

MGH hydraulic swing-beam shears



TYPES	Shearing Capacity		Cleaning Length	Rake Angle	Motor HP	Number of Holddowns	Full Strokes per minute	Capacity of oil tank	Back guage range	Back guage motor	Weight lbs.	Machine Length	Electric Box Width	Width	D	Rear Guard Width	Table Height	Machine Height	Throat Depth
	Mild Steel	Stainless Steel																	
	inch	inch	inch	Deg.	HP	Pcs.	cuts/min.	Gal.	inch	HP	Lbs	inch	inch	inch	inch	inch	inch	inch	inch
MGH 3100 x 6	1/4"	10ga.	120"	1.5°	15	17	18	45	39"	0.5	15,400	131"	17"	63"	20"	39"	31"	72"	9.8"
MGH 3100 x 10	3/8"	1/4"	120"	2°	30	17	12	45	39"	0.5	19,580	135"	17"	70"	20"	39"	31"	73"	9.8"
MGH 3100 x 13	1/2"	5/16"	120"	2.4°	40	17	12	58	39"	0.5	25,300	136"	17"	78"	20"	39"	35"	81"	9.8"
MGH 3100 x 16	5/8"	3/8"	120"	2.7°	40	17	8	58	39"	0.75	34,100	134"	17"	85"	16"	39"	35"	88"	9.8"
MGH 3100 x 20	3/4"	1/2"	120"	3°	50	18	7	74	39"	0.75	43,120	137"	17"	84"	16"	39"	35"	96"	9.8"
MGH 4100 x 10	3/8"	1/4"	150"	2°	30	23	10	45	39"	0.5	28,600	172"	17"	78"	16"	39"	31"	75"	9.8"
MGH 4100 x 13	1/2"	5/16"	150"	2.2°	40	23	8	58	39"	0.5	35,420	173"	17"	78"	16"	39"	35"	85"	9.8"

Design and specifications are subject to change without notice.

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