

CS series
MVS series
HGS series

GUILLOTINE SHEARS

SHEARING SOLUTIONS FOR YOUR NEEDS



LVDGROUP.COM

 **LVD**[®]
STRIPPIT

WHAT ARE YOUR NEEDS?

From the economical CS series to custom hydraulic shears, LVD designs and manufactures a full line of shearing machinery. With more than 60 years' experience building hydraulic shears and equipment, LVD delivers affordability combined with a reliable, proven brand.

PERFORMANCE

GENERAL SHEARING APPLICATIONS

DEMANDING APPLICATIONS

CUSTOM SHEARING DEMANDS

HEAVY-DUTY APPLICATIONS



CS 6/40



MVS 13/31



Custom series



HGS 13/130

CAPACITY

STEEL THICKNESS UP TO 0.512" (13 MM)

STEEL THICKNESS UP TO 0.512" (13 MM)

STEEL THICKNESS UP TO 1.181" (30 MM)



INTERFACE

TOUCH SCREEN



GUILLOTINE SHEARS

Designed by LVD and manufactured by LVD-HD in China, LVD shears combine high quality and cost-efficiency. They are built to LVD's specifications and high standards, utilizing electronic, electrical, hydraulic and pneumatic components that meet our stringent accuracy and reliability requirements.

CS SHEARS

EXCEPTIONAL VALUE

- Ideal for general shearing applications
 - Cost-competitive quality and reliability
 - Easy-to-use motorized backgauge
 - Squaring arm standard 59.0" (1500 mm)
 - Adjustable rake angle and blade clearance
 - Front support standard on CS 13/31
 - Parallel-guided shearing using four cutting edges
 - Shadow Line cutting
- Models:
- CS 6/31 - 0.25" x 122" (6.35 mm x 3100 mm)
 - CS 6/40 - 0.25" x 157" (6.35 mm x 4000 mm)
 - CS 13/31 - 0.512" x 122" (13 mm x 3100 mm)

*Cost competitive,
reliable shearing
machine ideal for
general shearing
applications*



CS 6/40

MVS SHEARS

ACCURATE SHEARING WITH TOUCH SCREEN CONVENIENCE

- Ideal for demanding job shop applications
- Robust frame design minimizes deflection while cutting
- Simple and fast to learn
- Intuitive touch screen control
- Parallel-guided hydraulic shearing system with up to four cutting edges
- Push-button adjustable stroke length, blade gap and rake angle for cutting optimization
- Ball transfer system simplifies material processing
- Large throat gap for overlap cutting
- Touch-and-Go backgauge system
- Models available:
From 0.25" x 122" (6.35 mm x 3100 mm)
up to 0.512" x 244" (13 mm x 6200 mm)

Highly flexible and productive shearing machine ideal for demanding job shops or as a stand-alone machine



MVS 13/31

Custom series

- Configure-to-order to suit your custom shearing demands
- Up to 1.57" x 551" (40 mm x 14000 mm)
- Robust frame design minimizes deflection while cutting
- Simple and fast to learn
- Intuitive touch screen control
- Parallel-guided hydraulic shearing system with up to four cutting edges
- Push-button adjustable stroke length, blade gap and rake angle for cutting optimization
- Ball transfer system for easier material processing



HGS SHEARS

HEAVY-DUTY SHEARING MADE AFFORDABLE

HGS shears feature a welded construction for rugged performance. Frame and cutting beam provide maximum rigidity and resistance to deflection and torsional force, ensuring accurate shearing results in mild steel up to 1.181" (30 mm).

An adjustable rake angle provides optimum control over the cutting process. The rake angle can be adjusted at a minimum value of 0.5 degrees, allowing the shearing of narrow strips with minimal distortion, and reducing or eliminating corkscrew and bow distortions.

Each blade of an HGS shear has four cutting edges and can be turned three times before grinding, minimizing maintenance and extending production life.

HGS shears feature the simplicity of touch screen control programming. Programming parameters are quickly



HGS 13/130

and easily entered at the machine. Blade clearance and cutting angle are automatically calculated based on material and thickness.

High-accuracy, heavy-duty shearing made affordable

- Large throat gap for overlap cutting
- Touch-and-Go backgauge system
- Configure-to-order material handling options
- Models available:
From 0.787" x 244" (20 mm x 6200 mm)
up to 1.57" x 551" (40 mm x 14000 mm)



SPECIFICATIONS

CS SHEARS

	06/31	06/40	13/31
Max. shearing capacity Mild Steel (64,000 psi)	.250"	.250"	.512"
Stainless Steel (85,000 psi)	.157"	.157"	.312"
Cutting length	122"	157"	122"
Backgauge range	29.5"	29.5"	39.3"
Min./max. cutting angle	0.5 - 3.0 Deg.	0.5 - 2.5 Deg.	0.5 - 2.5 Deg.
Number of holddowns	17	22	17
Min./max. no. of strokes/min.	10/30	9/26	8/25
Min./max. blade clearance	.002/.031"	.002/.031"	.004/.086"
Motor power (380 V/50 Hz)	9 HP	9 HP	18 HP
Gap	-	-	-
Approximate weight	12,128 lbs.	17,640 lbs.	19,184 lbs.
Oiltank capacity	29 Gal.	53 Gal.	119 Gal.

MVS SHEARS

	06/31	06/40	06/62	13/31	13/40	13/62
Max. shearing capacity Mild Steel (64,000 psi)	.250"	.250"	.250"	.512"	.512"	.512"
Cutting length	122"	159"	244"	122"	159"	244"
Backgauge range	39.3"	39.3"	39.3"	39.3"	39.3"	39.3"
Min./max. cutting angle	0.5 - 2.0 Deg.	0.5 - 2.0 Deg.	0.5 - 1.5 Deg.	0.5 - 2.5 Deg.	0.5 - 2.0 Deg.	0.5 - 2.5 Deg.
Number of holddowns	16	21	32	16	21	32
Min./max. no. of strokes/min.	12/30	10/30	10/30	9/30	9/30	8/20
Min./max. blade clearance	.002/.031"	.002/.031"	.002/.031"	.004/.051"	.004/.051"	.004/.051"
Motor power (380 V/50 Hz)	10 HP	10 HP	25 HP	25 HP	40 HP	40 HP
Gap	5.9"	5.9"	5.9"	5.9"	5.9"	5.9"
Approximate weight	14,350 lbs.	19,840 lbs.	39,685 lbs.	22,045 lbs.	39,685 lbs.	55,115 lbs.
Oiltank capacity	45 Gal.	45 Gal.	93 Gal.	93 Gal.	132 Gal.	132 Gal.

HGS SHEARS

	16/31	16/40	16/62	20/31	20/40	20/62
Max. shearing capacity Mild Steel (64,000 psi)	.630"	.630"	.630"	.787"	.787"	.787"
Cutting length	122"	159"	244"	122"	157"	244"
Backgauge range	39.3"	39.3"	39.3"	39.3"	39.3"	39.3"
Min./max. cutting angle	0.5/2.5 Deg.	0.5/2.5 Deg.	0.5/2.5 Deg.	0.5/2.5 Deg.	0.5/2.5 Deg.	0.5/2.5 Deg.
Number of holddowns	16	20	32	16	20	32
Min./max. no. of strokes/min.	7/30	7/20	5/15	8/20	7/20	5/15
Min./max. blade clearance	.004/.062"	.004/.062"	.004/.062"	.004/.102"	.004/.102"	.004/.118"
Motor power (380 V/50 Hz)	40 HP	40 HP	40 HP	60 HP	60 HP	2 x 40 HP
Gap	11.8"	7.9"	3.9"	11.8"	11.8"	3.9"
Approximate weight	26,455 lbs.	39,683 lbs.	79,366 lbs.	39,683 lbs.	68,343 lbs.	105,822 lbs.
Oiltank capacity	145 Gal.	145 Gal.	185 Gal.	198 Gal.	198 Gal.	254 Gal.

	10/80	13/120	25/31	25/40	30/31	30/40	30/62
Max. shearing capacity Mild Steel (64,000 psi)	.394"	.512"	.984"	.984"	1.181"	1.181"	1.181"
Cutting length	315"	472"	122"	157"	122"	157"	244"
Backgauge range	39.3"	39.3"	39.3"	39.3"	39.3"	39.3"	39.3"
Min./max. cutting angle	0.5 / 2.0 deg.	0.5 / 2.0 Deg.	0.5 / 3.0 Deg.	0.5/ 2.5 Deg.	0.5 / 3.5 Deg.	0.5 / 3.0 Deg.	0.5 / 2.5 Deg.
Number of holddowns	42	61	16	20	16	20	32
Min./max. no. of strokes/min.	7/30	5/20	5/12	5/12	4/8	4/8	3/9
Min./max. blade clearance	.002/.051"	.003/.066"	.004/.128"	.004/.128"	.004/.154"	.004/.154"	.004/.154"
Motor power (380 V/50 Hz)	50 HP	100 HP	75 HP	75 HP	75 HP	75 HP	2 x 60 HP
Gap	3.9"	3.9"	11.8"	11.8"	7.9"	7.9"	3.9"
Approximate weight	99,208 lbs.	319,670 lbs.	61,730 lbs.	83,775 lbs.	70,548 lbs.	88,185 lbs.	165,347 lbs.
Oiltank capacity	159 Gal.	317 Gal.	251 Gal.	251 Gal.	251 Gal.	251 Gal.	396 Gal.

Specifications subject to change without prior notice.

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