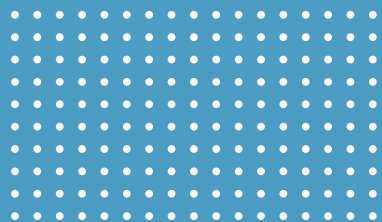


CS series
MVS series
HGS series



GUILLOTINE SHEARS

SHEARING SOLUTIONS TO YOUR NEEDS



WHAT ARE YOUR NEEDS?

From the economical CS Series to custom MVS Series hydraulic shears, LVD designs and manufactures a full line of shearing machinery. With over 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 40/6



MVS 31/13



Custom MVS



HGS 80/13

CAPACITY?

STEEL THICKNESS UP TO 13 MM

STEEL THICKNESS UP TO 16 MM

STEEL THICKNESS UP TO 30 MM



INTERFACE?

TOUCH SCREEN



SHEARING SOLUTIONS TO YOUR NEEDS: CS, MVS AND HGS



CS 40/6

CS SHEARS

EXCEPTIONAL VALUE FOR THE INVESTMENT

The LVD-HD CS shears are manufactured exclusively for LVD under the LVD-HD brand name by Hubei Tri-Ring Metalforming Equipment Co., Ltd., LVD's joint venture company in China.

CS Series shears are built to LVD's

specifications and high quality standards, utilizing electronic, electrical, hydraulic and pneumatic components that meet our stringent accuracy and reliability requirements. Every shear is inspected by an LVD quality engineer prior to shipment.

CS shears are an outstanding value, combining LVD quality with our joint venture's low-cost manufacturing environment for a cost-efficient product that ensures optimum quality and reliable performance.

In a nutshell:

- Ideal for general shearing applications
- Cost competitive quality and reliability
- Easy to use motorised 1000 mm range backgauge
- 1.5 m (59.06") squaring arm standard
- Front support standard on CS 13/31 model
- Parallel guided shearing action providing 4 cutting edges
- 'Shadow Line' cutting
- Models available: CS 6/31 - 6.35 mm (0.25") by 3.1 metre (122.0"), CS 6/40 - 6.35 mm (0.25") by 4.05 metre (159.4"), CS 13/31 - 13 mm (0.512") by 3.1 metre (122.0")

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

MVS SHEARS

ACCURATE SHEARING WITH TOUCH SCREEN CONVENIENCE

- Ideal for demanding jobbing shop applications
- Robust frame design minimises deflection whilst cutting
- Simple and fast to learn, new operators can learn to use the machine within 10 minutes
- Easy to use '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 optimisation.
- Ball transfer system for easier material processing
- Large throat gap for 'Overlap' cutting
- 'Touch-and-Go' recirculating backgauge system with automatic backlash elimination
- Models available: MVS - 6/31 - 6.35 mm by 3100 mm (0.25" by 122.04")
Up to 16 mm by 6200 mm (0.630" by 244.09")

Highly flexible and productive shearing machine ideal for demanding jobbing shop or as a stand-alone machine.



MVS 31/13



Custom MVS Series

- Based upon LVD's robust MVS design
- 'Configurable' specification at order to suit your custom shearing demands
- Up to 40 mm (1.57") by 14 metre (551.18") capacity
- Robust frame design minimises deflection whilst cutting
- Simple and fast to learn, new operators can learn to use the machine within 10 minutes
- Easy to use '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 optimisation.
- Ball transfer system for easier material processing



HGS SHEARS

HEAVY DUTY SHEARING MADE AFFORDABLE

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

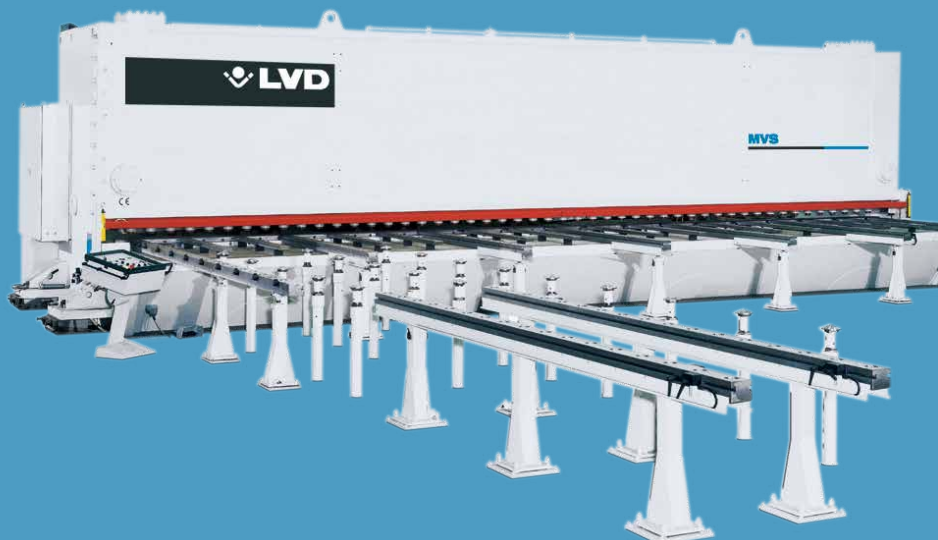


HGS 80/13

Manufactured by LVD-HD, LVD's joint venture company in China, HGS shears provide exceptional value within budget. Every shear is inspected by an LVD quality engineer prior to shipment.

High accuracy, heavy duty shearing made affordable.

- Large throat gap for 'Overlap' cutting
- 'Touch-and-Go' recirculating backgauge system with automatic backlash elimination
- Pre-order 'Configurable' material handling options
- Models available: From 20 mm (0.787") by 6200 mm (244.09") up to 40 mm (1.57") by 14 m (551.18")



SPECIFICATIONS

CS SHEARS

	06/31	06/40	13/31
Max. Shearing Capacity	6,35 mm	6,35 mm	13 mm
Cutting Length	3100 mm	4000 mm	3100 mm
Range Back gauge	750 mm	750 mm	1000 mm
Min. / Max. Cutting Angle	0,5° - 3°	0,5° - 2,5°	0,5° - 2,5°
Number of Holddowns	17	22	13
Min. / Max. No. of Strokes/Min.	10 / 30	9 / 26	8 / 25
Min. / Max. Blade Clearance	0.05 / 0.8	0.05 / 0.8	0.1 / 2.2
Motor Power (380 V/50 Hz)	7.5 kW	7.5 kW	15 kW
Gap	-	-	-
Approximate weight	5500 kg	8000 kg	8700 kg
Oiltank Capacity	110 l	200 l	449 l

Specifications subject to change without notice.

MVS SHEARS

	06/31	06/40	06/62	08/40	13/31	13/40	13/62
Max. Shearing Capacity	6,35 mm	6,35 mm	6,35 mm	8 mm	13 mm	13 mm	13 mm
Cutting Length	3100 mm	4050 mm	6200 mm	4050 mm	3100 mm	4050 mm	6200 mm
Range Back Gauge	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Min. / Max. Cutting Angle	0.5° - 2.0°	0.5° - 2.0°	0.5° - 1.5°	0.5° - 2.0°	0.5° - 2.5°	0.5° - 2.0°	0.5° - 2.5°
Number of Holddowns							
Min. / Max. No. of Strokes/Min.	12 / 30	10 / 30	10 / 30	14 / 30	9 / 30	9 / 30	8 / 20
Min. / Max. Blade Clearance	0.05 / 0.80 mm	0.05 / 0.80 mm	0.05 / 0.80 mm	0.05 / 0.80 mm	0.10 / 1.30 mm	0.10 / 1.30 mm	0.10 / 1.30 mm
Motor Power (380 V/50 Hz)	7.5 kW	7.5 kW	18.5 kW	18.5 kW	18.5 kW	30 kW	30 kW
Gap	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm	150 mm
Approximate weight	6500 kg	9000 kg	18 000 kg	14 000 kg	10 000 kg	18 000 kg	25 000 kg
Oiltank Capacity	170 l	170 l	350 l	350 l	350 l	500 l	500 l

	16/31	16/40	16/62	20/31	20/40	20/62
Max. Shearing Capacity	16 mm	16 mm	16 mm	20 mm	20 mm	20 mm
Cutting Length	3100 mm	4050 mm	6200 mm	3100 mm	4000 mm	6200 mm
Range Back Gauge	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Min. / Max. Cutting Angle	0.5° - 2.5°	0.5° - 2.5°	0.5° - 2.5°	0.5° - 3.0°	0.5° - 2.5°	0.5° - 2.5°
Number of Holddowns				16	20	32
Min. / Max. No. of Strokes/Min.	9 / 30	7 / 20	5 / 15	8 / 20	7 / 20	5 / 15
Min. / Max. Blade Clearance	0.10 / 1.60 mm	0.10 / 1.60 mm	0.10 / 1.60 mm	0.10 / 2.60 mm	0.10 / 2.60 mm	0.10 / 3 mm
Motor Power (380 V/50 Hz)	30 kW	30 kW	30 kW	45 kW	45 kW	2x30 kW
Gap	150 mm	150 mm	150 mm	300 mm	300 mm	100 mm
Approximate weight	13 000 kg	19 000 kg	35 000 kg	18 000 kg	31 000 kg	48 000 kg
Oiltank Capacity	500 l	500 l	500 l	750 l	750 l	960 l

*Other models on request.

HGS SHEARS

	10/80	13/120	25/31	25/40	30/31	30/40	30/62
Max. Shearing Capacity	10 mm	13 mm	25 mm	25 mm	30 mm	30 mm	30 mm
Cutting Length	8000 mm	12000 mm	3100 mm	4000 mm	3100 mm	4000 mm	6200 mm
Range Back Gauge	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Min. / Max. Cutting Angle	0.5° / 2.0°	0.5° / 2.0°	0.5° / 3.0°	0.5° / 2.5°	0.5° / 3.5°	0.5° / 3.0°	0.5° / 2.5°
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	0.05 / 1.30 mm	0.08 / 1.69 mm	0.10 / 3.25 mm	0.10 / 3.25 mm	0.10 / 3.90 mm	0.10 / 3.90 mm	0.10 / 3.90 mm
Motor Power (380 V/50 Hz)	37 kW	2x37 kW	55 kW	55 kW	55 kW	55 kW	2x45 kW
Gap	100 mm	100 mm	300 mm	300 mm	200 mm	200 mm	100 mm
Approximate weight	45000 kg	145 000 kg	28 000 kg	38 000 kg	32 000 kg	40 000 kg	75 000 kg
Oiltank Capacity	600 l	1200 l	950 l	950 l	950 l	950 l	1500 l

*Other models on request.

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