

BUILT TO LAST

WYSONG

WWW.WYSONG.US



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WYSONG

FABRICATION EQUIPMENT

ABOUT US

Originally established in 1903 in Greensboro, NC, the Wysong name has long stood for American-made machinery that is known for its near-indestructibility. Today we are proudly manufacturing our next generation of mechanical shears in our 104,000 sf facility in North Carolina.

We're also excited to offer a new line of hydraulic, electric, and hybrid press brakes, shears, and fiber lasers, in partnership with MVD Machinery, with the uncompromising quality our customers have grown to expect from Wysong.

WYSONG FABRICATION EQUIPMENT

OVER 40,000
MACHINES
SOLD AND
SUPPORTED

WYSONG

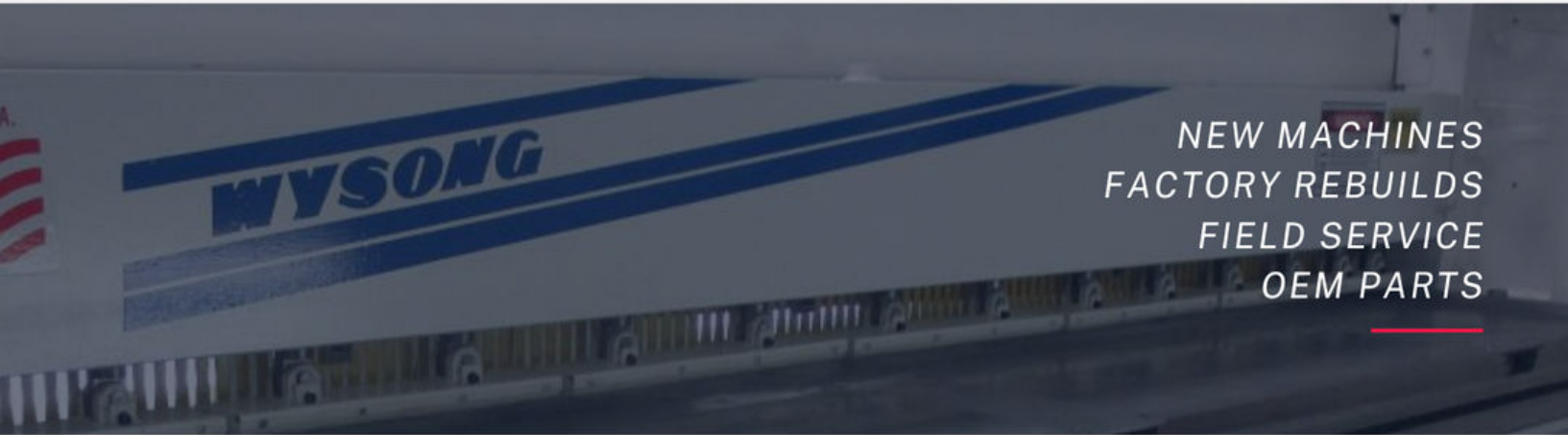
OUR COMMITMENT

We take great pride in our equipment and customer relationships. The generations of employees dedicated to producing and supporting this equipment have made Wysong a leader in the machine tool industry in North America for decades. From troubleshooting to field service, factory training and beyond, we work tirelessly to meet the evolving needs of your business and keep your machines running the way you expect.

Our technicians are standing by to support your business. We offer a complimentary technical support line to all of our customers, whether your machine was produced in the 1950s or 2020s.



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Standard Features

- PC800 15" touch screen control
- Heavy duty cast iron end frames
- Independent rail servo back gauge
- Four edge upper blade (HCHC)
- Four edge bottom blade (HCHC)
- Mechanical sheet hold down
- Front table with roller bearings
- Front sheet supports
- Illuminated cutting area
- X= 24" back gauge travel
- Front finger protection guard
- Foot pedal
- Emergency stop button



Optional Features

- 24", 36", 48" range back gauge
- Standard clutch or direct drive transmission
- High speed CTL shears
- Longer front sheet supports
- Longer squaring arms
- CNC front gauging
- Rear shear support
- Front table with roller bearings

Heavy Duty Mechanical Shears

Built to Last. Wysong heavy duty mechanical shears are engineered to stand up to some of the toughest production environments on the planet. Manufactured at our 104,000 sf facility in Greensboro, North Carolina.

Heavy Duty Mechanical Shears built specifically for high volume production. Contact us today to discuss your application.

Wysong Mechanical Shear Technical Specifications

MODEL	CUTTING CAPACITY	CUTTING LENGTH	HOLD DOWNS	CUT SPEED	TABLE HEIGHT	MACHINE DIMENSIONS			MOTOR	WEIGHT
	GA / IN	INCHES	FEET	SPM	INCHES	L X W X H			HP	LBS
						INCHES				
1052	10 GA	52	9	60	33	96	61	56	5	5,700
1060	10 GA	60	10	60	33	104	61	56	5	6,300
1072	10 GA	72	11	60	33	116	61	56	5	7,100
1084	10 GA	84	12	60	33	128	61	56	5	8,975
1096	10 GA	96	12	60	33	140	61	56	5	10,850
1010	10 GA	120	16	60	33	164	61	56	5	12,300
1025	1/4"	120	16	50	31.5	122	61	63	10	19,850

*Cut to Length line shears also available upon request.

TRUSTED PARTNER

Pioneers in the machine tool manufacturing sector since 1950, MVD has consistently demonstrated an unwavering commitment to innovation and continuous improvement while upholding the company's core values of Quality, Trust, and Support.

Like Wysong, MVD is a company strongly committed to the success of its customers. This commitment is demonstrated by a dedication to designing and manufacturing superior quality products at reasonable prices, with responsive support to its partners.



MVD
FABRICATION
EQUIPMENT

SOLD AND
SUPPORTED
IN OVER
90 COUNTRIES

WYSONG®

EXCLUSIVE UNITED STATES
DISTRIBUTOR FOR

MVD

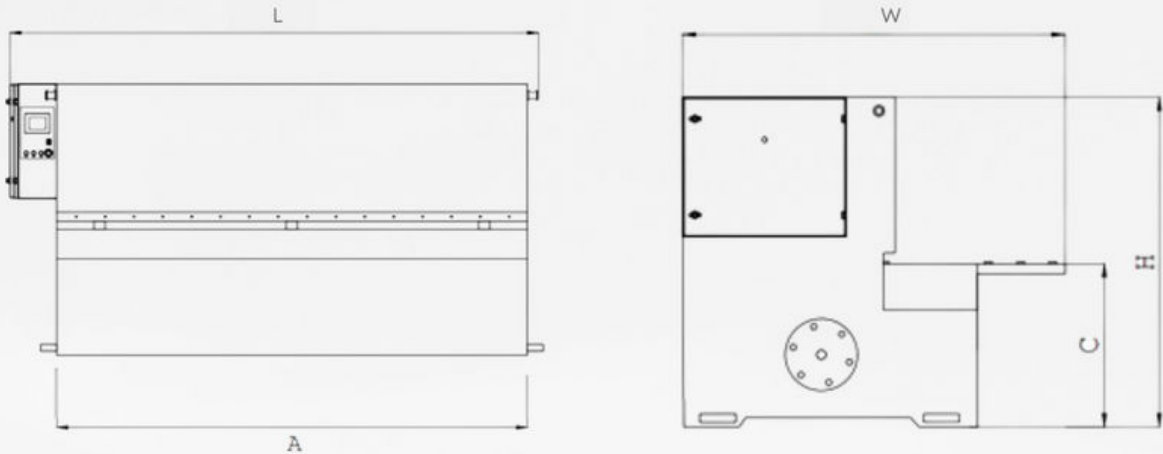
FABRICATION EQUIPMENT

ABOUT MVD

With over 70 years of fabrication equipment manufacturing experience, MVD has established itself as a leader the sheet metal processing industry, offering an array of high quality machinery that caters to the diverse needs of its customers.

MVD proudly supports an ever growing customer base across 90 countries and is excited to partner with Wysong as the exclusive importer for their equipment lines in the United States.

MECHANICAL SHEARS



Light Duty Mechanical Shears

MVD mechanical shears are designed to meet the demanding needs of today's fabrication shops. Perfect for high volume, light duty applications, such as roofing, HVAC, and light gauge general fab, at an excellent value.

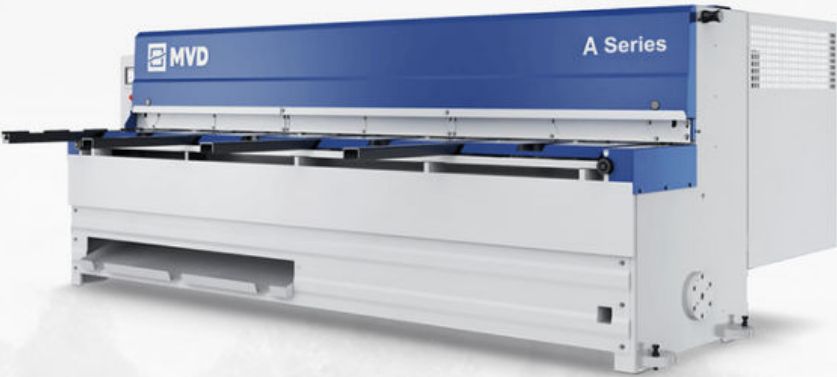
Contact us today to discuss your application.

A Series Shear Technical Specifications

MODEL	CUTTING CAPACITY	CUTTING LENGTH	CUTTING ANGLE	CUT SPEED	TABLE HEIGHT	MACHINE DIMENSIONS			MOTOR	WEIGHT
	INCHES	A	DEGREES	SPM	C	L X W X H			HP	LBS
		INCHES			INCHES	INCHES				
MA02	.098	100	1.3	31	31.5	122	89	55	5	4,299
MA03	.118	53	2.1	31	31.5	81	89	53	5	2,755
	.118	61	1.83	31	31.5	89	89	53	5	3,307
	.118	81	1.3	31	31.5	102	89	55	5	3,858
	.118	120	1.3	31	31.5	142	89	55	5	8,818
	.118	165	1.3	31	31.5	189	89	55	15	11,684
MA04	.157	81	1.3	31	31.5	106	89	55	10	6,614
	.157	100	1.3	31	31.5	126	89	55	10	7,716
	.157	120	1.3	31	31.5	145	89	55	15	8,818
	.157	126	1.3	31	31.5	169	89	55	15	9,700
MA05	.197	61	2	31	31.5	89	89	53	10	5,512
MA06	.236	43	2	31	31.5	69	89	53	10	4,409
	.236	53	2	31	31.5	81	89	53	10	5,070

Standard Features

- Cybelelec touch screen NC Control Unit
- Rigid welded monoblock frame
- Motorized (x=750 mm) back gauge
- Two edge upper blade (HCHC)
- Four edge bottom blade (HCHC)
- Mechanical sheet hold down
- Simple blade gap adjustment system
- Front table with roller bearings
- Front support arms with scale
- Illuminated cutting line
- Front finger protection guard
- Foot pedal
- Rear safety guards
- Emergency stop button



Optional Features

- 1000 mm back gauge
- Pneumatic sheet support with rear drop
- Pneumatic sheet support with front or rear drop
- Angular gauge for 0-180 degree cuts
- Longer front sheet supports
- Longer squaring arms
- Manual back gauge (750mm) with easy adjustment via hand wheel at front
- Rear light barrier for CE conformity

HYDRAULIC SHEARS



MVD
HYDRAULIC
SHEARS

B SERIES

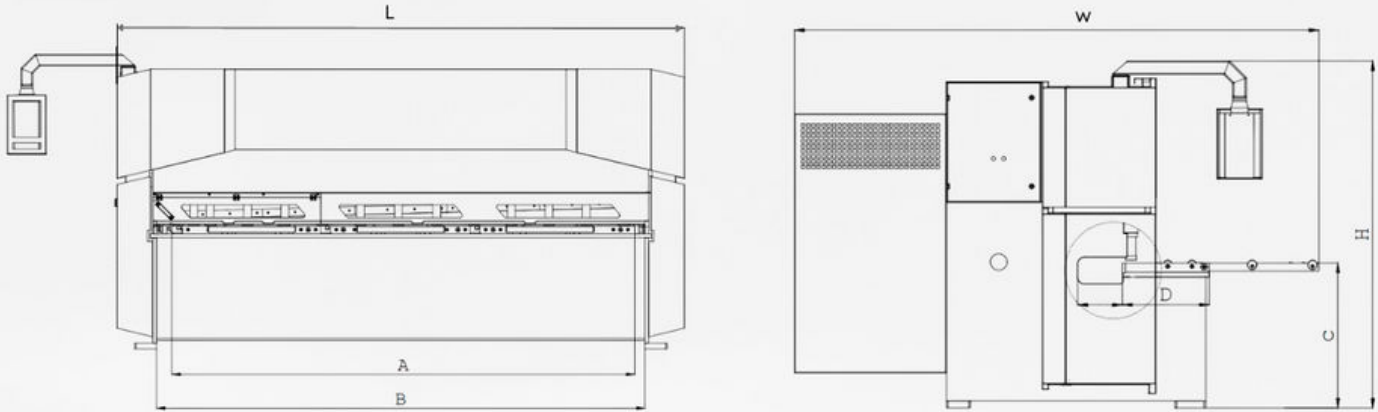
Standard Features

- Cybelelec 12G 12" touch screen control
- Rexroth / Hoerbiger hydraulic system
- Manual blade gap adjustment system
- 39" servo motorized back gauge
- Double speed cutting
- 10" throat depth
- Programmable back gauge retract
- Back gauge swing-up feature for long sheets
- Stroke adjustment for short cutting efficiency
- Transfer table with roller balls
- Upper blade 2 edges / Bottom blade 4 edges
- Front support arms with T-channel, scale & flip stops
- Front and side protective covers
- Illuminated cutting line
- Emergency stop buttons
- Front finger guard with swing-up feature
- Foot pedal



Optional Features

- Pneumatic sheet support
 - CNC blade gap adjustment
 - 4" Extended throat
 - Angular gauge - 0-180 deg
 - Longer sheet supports
- Extended squaring arm
 - Laser front safety guarding
 - Special alloy blades
 - Laser cutting line
 - Oil cooler and heater
- Electrical cabinet A/C
 - Automatic lubrication
 - Rear laser safety
 - Special throat depth (19.6")
 - Full length finger guard



B Series Shear Technical Specifications

MODEL	CUTTING CAPACITY		CUTTING LENGTH	CUTTING ANGLE	HOLD DOWN FEET	CUT SPEED (STD/FAST)	BETWEEN COLUMNS	TABLE HEIGHT	TABLE WIDTH	BACK GAUGE TRAVEL	MACHINE DIMENSIONS			OIL	MOTOR	WEIGHT
	MILD	SS	A	DEG	QTY	SPM	B	C	D	E	L X W X H			GAL	HP	LBS
	INCHES		INCHES				INCHES	INCHES	INCHES	INCHES	INCHES					
MB06	.236	.157	83	1.5	10	21/30	92	33	20	39	119	117	78	42	13	9,480
	.236	.157	102	1.5	11	20/26	111	33	20	39	138	117	78	42	13	12,125
	.236	.157	122	1.5	14	18/23	131	34	20	39	158	117	78	42	13	13,228
	.236	.157	157	1.5	18	13/20	166	34	24	39	193	131	85	66	13	23,810
	.236	.157	242	1	26	4/10	254	37	30	39	278	144	90	91	30	50,706
MB08	.315	.197	122	1.9	14	13/18	131	34	23	39	158	137	81	70	20	17,637
	.315	.197	157	1.5	18	13/20	167	34	25	39	193	143	86	70	30	29,101
	.315	.197	242	1.2	26	4/9	254	39	32	39	278	146	94	91	30	57,320
MB10	.394	.236	122	2	14	13/18	131	35	24	39	158	138	84	70	30	21,164
	.394	.236	157	1.5	18	11/17	167	35	25	39	193	143	90	70	30	35,715
	.394	.236	242	1.2	26	3/7	254	32	32	39	278	148	98	91	30	63,934
MB13	.511	.315	122	2.1	14	9/14	131	35	24	39	158	141	91	70	30	25,353
	.511	.315	157	1.8	18	9/15	170	37	26	39	193	149	94	77	30	40,786
MB16	.629	.394	122	2.25	17	7/10	134	35	23	39	158	148	91	131	40	34,833
	.629	.394	157	2.15	18	5/16	170	38	25	39	193	151	101	77	40	48,502
MB20	.787	.511	122	2.75	17	6/9	134	36	24	39	158	151	100	131	50	41,888
	.787	.511	157	2.03	18	4/15	173	38	28	39	193	155	110	77	60	57,982
MB25	.984	.669	122	2.75	17	5/8	136	39	25	39	158	151	117	131	74	59,525

*Special capacity machines can be manufactured upon request

HYDRAULIC SHEARS



MVD
HYDRAULIC
SHEARS

C SERIES

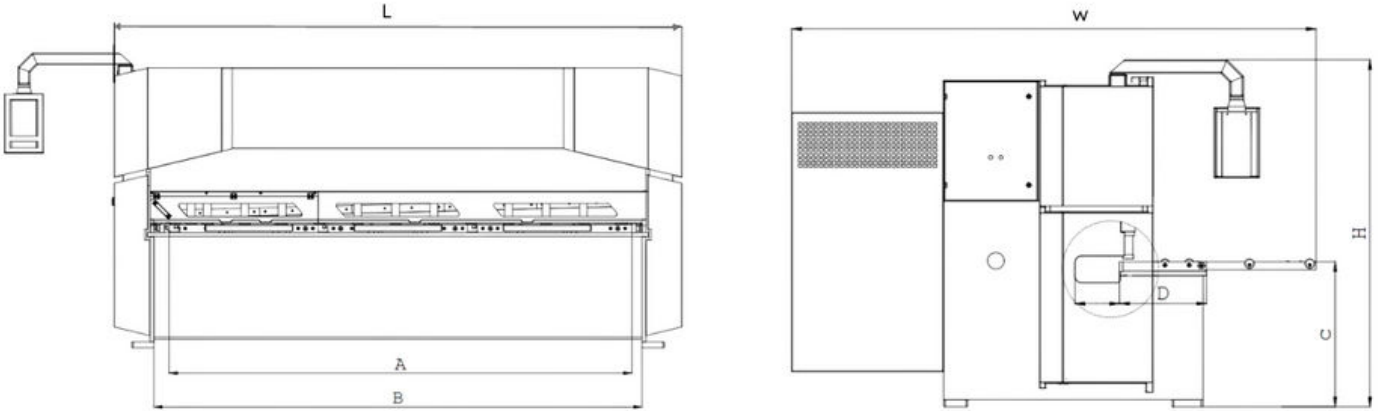
Standard Features

- Cybelelec 12G 12" touch screen control
- Rexroth / Hoerbiger hydraulic system
- CNC blade gap and rake adjustment system
- 39" servo motorized back gauge
- Double speed cutting
- 10" throat depth
- Programmable back gauge retract
- Back gauge swing-up feature for long sheets
- Stroke adjustment for short cutting efficiency
- Transfer table with roller balls
- Upper blade 2 edges / Bottom blade 4 edges
- Front support arms with T-channel, scale & flip stops
- Front and side protective covers
- Illuminated cutting line
- Emergency stop buttons
- Front finger guard with swing-up feature
- Foot pedal



Optional Features

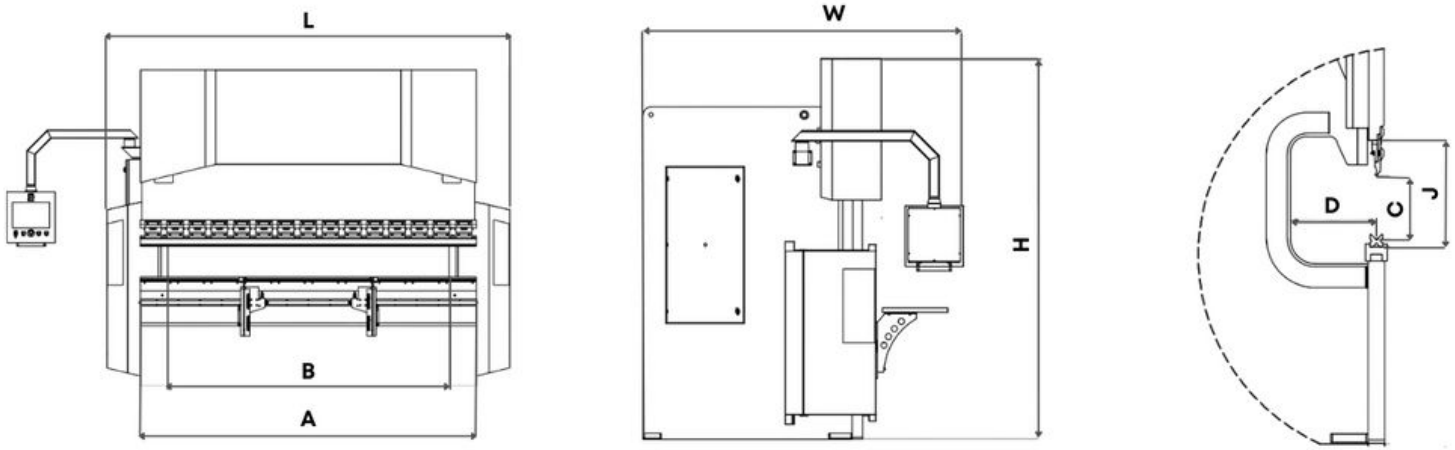
- Pneumatic sheet support
 - CNC blade gap adjustment
 - 4" Extended Throat
 - Angular gauge - 0-180 deg
 - Longer sheet supports
- Extended squaring arm
 - Laser front safety guarding
 - Special alloy blades
 - Laser cutting line
 - Oil cooler and heater
- Electrical cabinet A/C
 - Automatic lubrication
 - Rear laser safety
 - Special throat depth (19.6")
 - Full length finger guard



C Series Variable Rake Shear Technical Specifications

MODEL	CUTTING CAPACITY		CUTTING LENGTH	CUTTING ANGLE	HOLD DOWN FEET	CUT SPEED	BETWEEN COLUMNS	TABLE HEIGHT	TABLE WIDTH	BACK GAUGE TRAVEL	MACHINE DIMENSIONS			OIL	MOTOR	WEIGHT
	D MILD	2	A								L X W X H					
	INCHES	INCHES	INCHES	DEG	QTY	SPM	INCHES	INCHES	INCHES	INCHES	INCHES			GAL	HP	LBS
MC06	.236	.157	122	.5 - 2	14	10	138	33	20	39	158	118	78	53	13	14,770
	.236	.157	157	.5 - 2	17	10	175	34	26	39	193	125	87	53	13	23,589
	.236	.157	240	.5 - 3	26	9	256	41	29	39	276	141	114	79	15	48,502
MC08	.315	.197	122	.5 - 2.7	14	10	138	35	24	39	158	124	85	73	20	16,535
	.315	.197	157	.5 - 2.7	17	9	175	35	26	39	193	134	93	73	20	30,865
	.315	.197	240	.5 - 3	26	8	256	43	29	39	276	145	118	79	20	52,911
MC10	.394	.236	122	.5 - 3	14	7	142	35	24	39	158	134	95	78	30	23,149
	.394	.236	157	.5 - 3	18	6	175	35	26	39	193	144	102	79	30	35,274
	.394	.236	240	.5 - 3	26	5	256	45	29	39	276	149	121	79	30	61,289
MC13	.511	.315	122	.5 - 3	14	7	142	35	24	39	158	144	99	78	30	28,219
	.511	.315	157	.5 - 3	18	6	175	35	28	39	193	151	105	79	30	39,683
	.511	.315	240	.5 - 3	26	5	256	33	33	39	276	154	129	79	30	77,162
MC16	.629	.394	122	.5 - 3	17	6	144	39	28	39	158	150	106	90	40	35,274
	.629	.394	157	.5 - 3	18	6	180	40	28	39	193	148	111	103	40	47,399
	.629	.394	240	.5 - 3	26	5	262	50	36	39	276	153	130	114	40	88,185
MC20	.787	.511	122	.5 - 3	17	5	146	39	28	39	158	150	106	135	50	48,502
	.787	.511	157	.5 - 3	18	5	180	40	28	39	193	149	111	135	50	59,525
	.787	.511	240	.5 - 3	26	5	262	51	43	39	276	164	130	141	50	110,231
MC25	.984	.669	122	.5 - 3	17	4	148	39	28	39	158	152	107	135	60	52,911
	.984	.669	157	.5 - 3	18	4	181	40	29	39	193	153	115	135	60	66,139
	.984	.669	240	.5 - 3	26	4	263	53	43	39	276	164	136	159	60	127,868

HYDRAULIC PRESS BRAKES



B Series Press Brake Technical Specifications

MODEL	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN COLUMNS	STROKE	DAYLIGHT	THROAT	MACHINE DIMENSIONS			MACHINE SPEEDS			OIL	MOTOR	WEIGHT
	TONS	A	B	C	J	D	L X W X H			APPROACH	RETURN	BEND	GAL	HP	LBS
		INCHES	INCHES	INCHES	INCHES	INCHES	INCHES			IPM	IPM	IPM			
MB44	44	49	43	10	18	16	85	82	111	354	283	24	25	5	7,716
MB66	66	83	63	10	18	16	119	86	114	378	319	24	45	6	10,053
	66	102	84	10	18	16	138	86	114	378	319	24	45	6	11,045
MB110	110	102	84	10	18	16	138	88	116	472	319	24	45	8	14,176
	110	122	102	10	18	16	158	88	116	472	319	24	48	8	14,947
MB149	149	122	102	10	18	16	158	92	117	496	307	24	48	11	17,086
	149	145	122	10	18	16	181	92	118	496	307	24	48	11	20,723
	149	169	145	10	18	16	205	96	118	496	307	24	48	11	22,046
MB190	192	122	102	10	18	16	158	96	117	425	307	24	48	15	19,511
	192	145	122	10	18	16	181	96	118	425	307	24	48	15	23,149
	192	169	145	10	18	16	205	100	118	425	307	24	48	15	24,361
MB240	242	122	102	10	18	16	158	96	118	425	283	24	77	19	22,928
	242	145	122	10	18	16	181	96	120	425	283	24	77	19	26,345
	242	169	145	10	18	16	205	100	120	425	283	24	77	19	28,109
MB290	297	122	102	10	18	16	158	98	120	354	283	24	77	22	27,117
	297	145	122	10	18	16	181	98	120	354	283	24	77	22	29,762
	297	169	145	10	18	16	205	98	120	354	283	24	77	22	31,526
MB350	352	122	102	10	19	16	158	98	121	354	260	24	77	22	30,203
	352	145	122	10	19	16	181	98	121	354	260	24	77	22	31,967
	352	169	145	10	19	16	205	98	121	354	260	24	77	22	33,731
	352	200	165	10	19	16	236	101	126	354	260	24	77	22	45,195
	352	240	200	10	19	16	276	101	135	354	260	24	77	22	55,116

Standard Features

Y1,Y2,X CNC (3-Axis)
Delem touch screen control
10.2" Stroke, 16.1" Throat depth
±0,03mm Accuracy servo motorized back gauge
X= 29.5" / 750mm

Universal quick release punch holders
Sliding front sheet support arms
Givi linear scales (Italy)
HAWE Hydraulics (Germany)

Segmented punch tools (H: 67, 85°, R:08)
Segmented 4 way die (V=16-22-35-50mm, 85°, H:60)
LED illumination on Ram
Fiessler AKAS-II Front laser safety



Optional Features

Up to 6-axis back gauge
2" Extended Stroke
4" Extended Throat
Delem or PC Controls PC800
Automatic Lubrication

Hydraulic Clamping
Wila Crowning
Wide Bottom Table
Manual or CNC crowning
CNC Sheet Followers

Additional Back Gauge Fingers
Hydraulic Oil Chiller, Heater
Electrical Cabinet A/C
Laser Bending Line
Extra Weight for Machine

HYDRAULIC PRESS BRAKES



Standard Features

Y1,Y2,X,R CNC (4-Axis)
Delem Touch Screen Control
12.2" Stroke, 16.1" Throat Depth
±0,03mm accuracy servo motorized back gauge
X= 29.5", R = 10"

Universal quick release punch holders
Sliding front sheet support arms
Givi linear scales (Italy)
HAWE Hydraulics (Germany)

Segmented punch tools (H: 67, 85°, R:08)
Segmented 4 way die (V=16-22-35-50mm, 85°, H:60)
LED illumination on Ram
Fiessler AKAS-II Front laser safety



Optional Features

Up to 6-axis back gauge
2" Extended Stroke
4" Extended Throat
Delem or PC Controls PC800
Automatic Lubrication

Hydraulic Clamping
Wila Crowning
Wide Bottom Table
Manual or CNC crowning
CNC Sheet Followers

Additional Back Gauge Fingers
Hydraulic Oil Chiller, Heater
Electrical Cabinet A/C
Laser Bending Line
Extra Weight for Machine

MODEL	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN COLUMNS	STROKE	DAYLIGHT	THROAT	MACHINE DIMENSIONS			MACHINE SPEEDS			OIL	MOTOR	WEIGHT
	TONS	A	B	C	J	D	L X W X H			APPROACH	RETURN	BEND	GAL	HP	LBS
		INCHES	INCHES	INCHES	INCHES	INCHES	INCHES			IPM	IPM	IPM			
MC110	110	102	84	12	20	16	138	88	116	472	319	24	48	10	15,322
	110	122	102	12	20	16	158	88	116	472	319	24	48	10	16,094
MC149	149	122	84	12	20	16	158	104	116	496	307	24	48	15	18,409
	149	145	84	12	20	16	181	104	116	496	307	24	48	15	22,046
	149	169	102	12	20	16	205	104	116	496	307	24	48	15	23,369
MC190	192	122	102	12	20	16	158	104	116	425	307	24	48	20	21,385
	192	145	122	12	20	16	181	104	116	425	307	24	48	20	25,022
	192	169	145	12	20	16	205	104	116	425	307	24	48	20	26,235
MC240	242	122	102	12	20	16	158	104	120	425	330	24	77	25	24,912
	242	145	122	12	20	16	181	104	120	425	330	24	77	25	28,329
	242	169	145	12	20	16	205	104	120	425	330	24	77	25	30,093
	242	200	102	12	20	16	236	104	122	425	330	24	77	25	37,479
	242	240	122	12	20	16	276	104	122	425	330	24	77	25	47,840
MC290	297	122	102	12	20	16	158	104	120	354	283	24	77	30	29,321
	297	145	122	12	20	16	181	104	120	354	283	24	77	30	31,967
	297	169	145	12	20	16	205	104	120	354	283	24	77	30	33,731
MC350	352	122	102	12	21	16	158	105	121	354	260	24	77	30	32,408
	352	145	122	12	21	16	181	105	121	354	260	24	77	30	34,172
	352	169	145	12	21	16	205	105	123	354	260	24	77	30	37,038
	352	200	145	12	21	16	236	105	124	354	260	24	77	30	47,399
	352	240	165	12	21	16	276	105	125	354	260	24	77	30	57,320
MC440	440	122	102	12	21	16	158	106	134	236	189	24	106	40	41,226
	440	145	122	12	21	16	181	106	134	236	189	24	106	40	45,636
	440	169	145	12	21	16	205	106	134	236	189	24	106	40	49,604
	440	200	145	12	21	16	236	106	134	236	189	24	106	40	56,218
	440	240	145	12	21	16	276	110	142	236	189	24	106	40	72,752
MC550	550	145	122	12	21	16	181	108	134	236	165	24	132	50	53,132
	550	169	145	12	21	16	205	108	134	236	165	24	132	50	57,981
	550	200	165	12	21	16	236	108	144	236	165	24	132	50	66,138
	550	240	200	12	21	16	276	108	154	236	165	24	132	50	87,083
	550	318	280	12	21	16	354	108	158	236	165	24	132	50	122,357

HYDRAULIC PRESS BRAKES



Standard Features

Y1,Y2,X,R CNC (4-Axis)
Delem Touch screen control
16.1" Stroke, 20" Throat depth
±0,03mm accuracy servo motorized back gauge
X= 29.5", R = 10"

Universal quick release punch holders
Sliding front sheet support arms
Givi linear scales (Italy)
HAWE Hydraulics (Germany)

Segmented punch tools (H: 67, 85°, R:08)
Segmented 4 way die (V=16-22-35-50mm, 85°, H:60)
LED illumination on Ram
Fiessler AKAS-II Front laser safety



Optional Features

Up to 6-axis back gauge
2" Extended Stroke
4" Extended Throat
Delem or PC Controls PC800
Automatic Lubrication

Hydraulic Clamping
Wila Crowning
Wide Bottom Table
Manual or CNC crowning
CNC Sheet Followers

Additional Back Gauge Fingers
Hydraulic Oil Chiller, Heater
Electrical Cabinet A/C
Laser Bending Line
Extra Weight for Machine

MODEL	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN COLUMNS	STROKE	DAYLIGHT	THROAT	MACHINE DIMENSIONS			MACHINE SPEEDS			OIL	MOTOR	WEIGHT
	TONS	A	B	C	J	D	L X W X H			APPROACH	RETURN	BEND	GAL	HP	LBS
		INCHES	INCHES	INCHES	INCHES	INCHES	INCHES			IPM	IPM	IPM			
MD110	110	102	84	16	24	20	138	88	120	472	319	24	48	10	15,763
	110	122	102	16	24	20	158	88	120	472	319	24	48	10	16,534
MD149	149	122	102	16	24	20	158	111	122	496	307	24	48	15	19,731
	149	145	122	16	24	20	181	111	122	496	307	24	48	15	23,369
MD190	149	169	145	16	24	20	205	111	122	496	307	24	48	15	26,139
	192	122	102	16	24	20	158	109	124	425	307	24	48	20	22,707
	192	145	122	16	24	20	181	109	124	425	307	24	48	20	26,345
MD190	192	169	145	16	24	20	205	109	124	425	307	24	48	20	29,256
	242	122	102	16	24	20	158	110	128	425	330	24	77	25	26,565
	242	145	122	16	24	20	181	110	128	425	330	24	77	25	29,982
MD240	242	169	145	16	24	20	205	110	128	425	330	24	77	25	32,357
	242	200	165	16	24	20	236	110	130	425	330	24	77	25	38,801
	242	240	200	16	24	20	276	110	130	425	330	24	77	25	49,163
MD290	296	122	102	16	25	20	158	109	128	354	283	24	77	30	31,195
	296	145	122	16	25	20	181	109	128	354	283	24	77	30	33,840
	296	169	145	16	25	20	205	109	128	354	283	24	77	30	36,134
MD350	352	122	102	16	25	20	158	108	128	354	260	24	77	30	34,833
	352	145	122	16	25	20	181	108	128	354	260	24	77	30	36,596
	352	169	145	16	25	20	205	109	132	354	260	24	77	30	38,759
	352	200	165	16	25	20	236	110	132	354	260	24	77	30	49,824
	352	240	200	16	25	20	276	110	132	354	260	24	77	30	59,745
MD440	440	122	102	16	25	20	158	109	142	236	189	19	106	40	43,651
	440	145	122	16	25	20	181	109	142	236	189	19	106	40	48,501
	440	169	145	16	25	20	205	110	142	236	189	19	106	40	52,854
	440	200	165	16	25	20	236	110	142	236	189	19	106	40	58,753
	440	240	200	16	25	20	276	110	147	236	189	19	106	40	74,957
	440	318	280	16	25	20	354	110	148	236	189	19	106	40	101,412
MD550	550	145	122	16	25	20	181	108	143	189	165	19	132	50	56,217
	550	169	145	16	25	20	205	108	143	189	165	19	132	50	62,557
	550	200	165	16	25	20	236	108	144	189	165	19	132	50	69,445
	550	240	200	16	25	20	276	124	154	189	165	19	132	50	90,389
	550	318	280	16	25	20	354	126	156	189	165	19	132	50	125,663
MD660	660	169	145	16	26	24	205	123	160	189	189	20	145	60	77,957
	660	200	165	16	26	24	236	128	160	189	189	20	145	60	81,571
	660	240	200	16	26	24	276	128	160	189	189	20	145	60	108,026
MD660	660	318	280	16	26	24	354	128	160	189	189	20	145	60	149,914
MD880	880	169	145	16	26	24	205	126	163	177	165	14	206	60	101,412
	880	240	200	16	26	24	276	128	163	177	165	14	206	60	136,686
MD880	880	318	280	16	26	24	354	128	163	177	165	14	206	60	191,802
MD1100	1100	169	145	20	30	24	205	144	163	165	154	14	264	60	157,630
	1100	240	200	20	30	24	276	144	171	165	154	14	264	60	167,551
	1100	318	280	20	30	24	354	144	187	165	154	14	264	60	231,485

ELECTRIC PRESS BRAKES



Standard Features

Y1,Y2,X,R CNC (4-Axis)
Delem Touch Screen Control
11.8" Stroke
±0,03mm accuracy servo motorized back gauge
X= 29.5", R = 10"

Universal quick release punch holders
Sliding front sheet support arms
Givi linear scales (Italy)
HAWE Hydraulics (Germany)

Segmented punch tools (H: 67, 85°, R:08)
Segmented 4 way die (V=16-22-35-50mm, 85°, H:60)
LED illumination on Ram
Fiessler AKAS-II Front laser safety

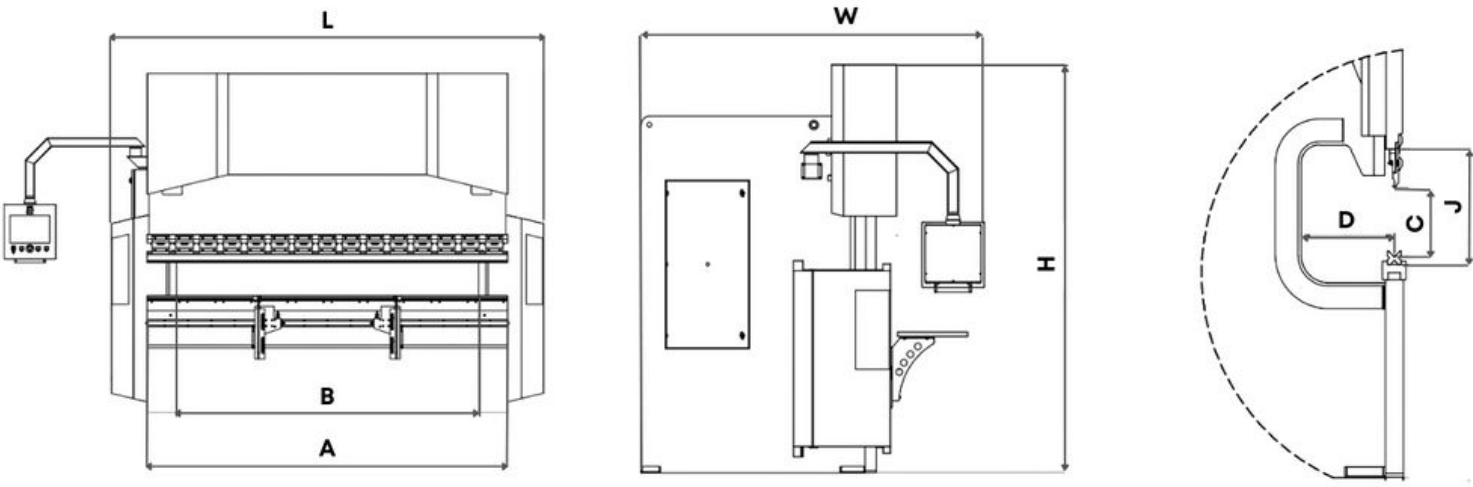


Optional Features

Up to 6-axis back gauge
Unimec back gauge
Delem 50/60 series touch screen
Automatic Lubrication

Hydraulic Clamping
Wide Bottom Table
Manual or CNC Crowning
CNC Sheet Followers

Additional back gauge fingers
Hydraulic Oil Chiller, Heater
Electrical Cabinet A/C
Laser Bending Line



S SERIES PRESS BRAKES

SCREW DRIVEN

MODEL	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN COLUMNS	STROKE	DAYLIGHT	THROAT	MACHINE DIMENSIONS			MACHINE SPEEDS			MOTOR	WEIGHT
	TONS	A	B	C	J	D	L X W X H			APPROACH	RETURN	BEND	KW	LBS
		INCHES	INCHES	INCHES	INCHES	INCHES	INCHES			IPM	IPM	IPM		
MS22	22	49	43	10	18	16	85	82	111	354	283	24	4.3	7,716
MS44	44	83	63	10	18	16	119	86	114	378	319	24	2 x 4.3	10,053
MS66	66	102	84	10	18	16	138	86	114	378	319	24	2 x 4.3	11,045

E SERIES PRESS BRAKES

BELT DRIVEN

MODEL	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN COLUMNS	STROKE	DAYLIGHT	THROAT	MACHINE DIMENSIONS			MACHINE SPEEDS			MOTOR	WEIGHT
	TONS	A	B	C	J	D	L X W X H			APPROACH	RETURN	BEND	KW	LBS
		INCHES	INCHES	INCHES	INCHES	INCHES	INCHES			IPM	IPM	IPM		
ME110	110	49	43	10	18	16	85	82	111	354	283	24	11.5	14,991
	110	83	63	10	18	16	119	86	114	378	319	24	11.5	15,763
ME140	143	102	84	10	18	16	138	86	114	378	319	24	11.5	19,180
	143	102	84	10	18	16	138	88	116	472	319	24	11.5	23,148
	143	122	102	10	18	16	158	88	116	472	319	24	11.5	26,675
ME190	192	122	102	10	18	16	158	92	117	496	307	24	20	22,487
	192	145	122	10	18	16	181	92	118	496	307	24	20	24,802
	192	169	145	10	18	16	205	96	118	496	307	24	20	29,211
ME220	220	49	43	10	18	16	85	82	111	354	283	24	25.5	29,425
	220	83	63	10	18	16	119	86	114	378	319	24	25.5	31,476
	220	102	84	10	18	16	138	86	114	378	319	24	25.5	37,249

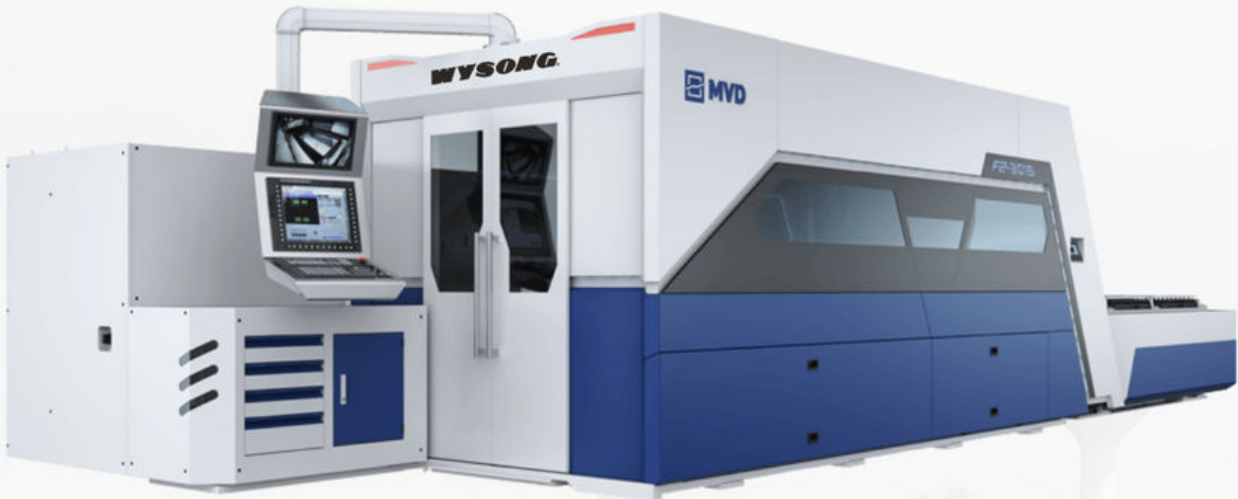


Technical Specifications

		1 KW	2 KW	3 KW	4 KW	5 KW	6 KW	8 KW	10 KW	
RESONATOR		YLS-1000	YLS-2000	YLS-3000	YLS-4000	YLS-5000	YLS-6000	YLS-8000	YLS-10000	
OUTPUT POWER		100-1000	200-2000	300-3000	400-4000	500-5000	600-6000	800-8000	1000-10000	WATTS
CAPACITY	MILD STEEL	.315	.630	.709	.787	.866	.984	1.181	1.181	INCHES
	STAINLESS STEEL	.157	.236	.394	.472	.591	.709	.787	.866	INCHES
	ALUMINUM	.157	.236	.394	.472	.591	.709	.787	.866	INCHES
OXYGEN GAS PRESSURE		13	13	13	13	13	13	13	13	BAR
NITROGEN GAS PRESSURE		25	25	25	25	25	25	25	25	BAR
AIR GAS PRESSURE		13 OR 25	13 OR 25	13 OR 25	13 OR 25	13 OR 25	13 OR 25	13 OR 25	13 OR 25	BAR
AVG. ELECTRICITY CONSUMPTION		15	20	30	35	45	50	60	70	KW/H

Component Overview

Component	Country of Origin
Laser Source (Resonator)	[Germany] [US] IPG
Laser Head	[Germany] [US] Precitec ProCutter
CNC Control System	[Italy] ESA S675 W
CAD/CAM Software	[Spain] [US] Lantek
Rack and Pinion	[Germany] Wittenstein
Linear Guide Ways	[Germany] INA
Height Controller	[Germany] [US] Precitec Lasermatic
Electrical Components	[France] [US] Schneider



Standard Features

- IPG Multi Mode Fiber Laser YLS Resonator

Precitec ProCutter 2 Auto Focus Cutting Head

Dust Collector Unit

IPG laser chiller unit

CNC Load/Unload Table

In Cabin and Outside Camera System W/V Guard

Mobile Access

A/C Unit For Electrical Cabinet

ESA S675W 21" Touch Screen CNC Controller

Lantek Expert Cut CAD CAM
- Lantek Automatic Nesting Software

Lantek USA Service Level Standard Software

Support Package One (1) Year Included

(2) Gas Regulators (Airgas)

Gas Console System

Starter Consumable Package Included

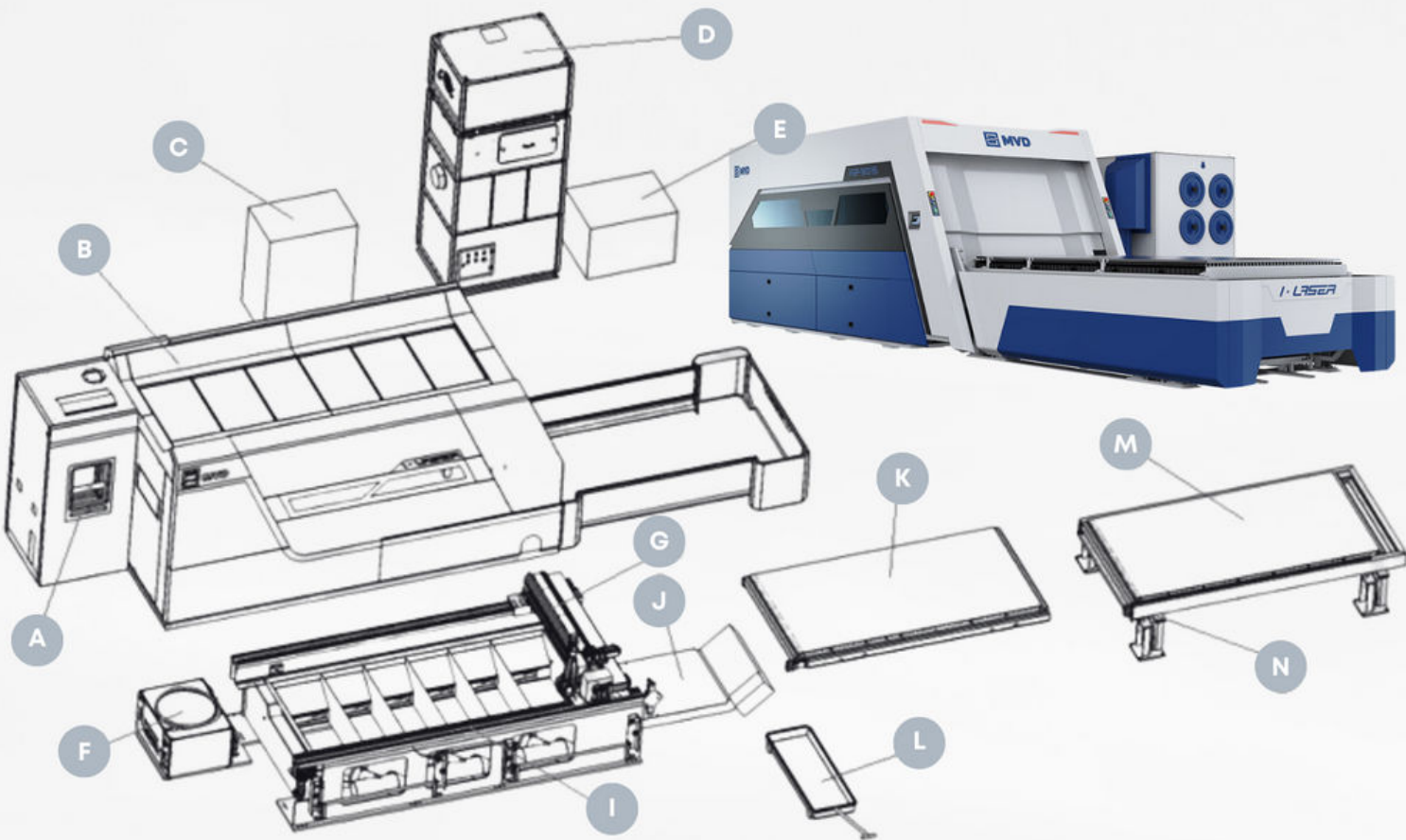
Laser cabin protective glass fully enclosed

Light curtain safety post protection for table

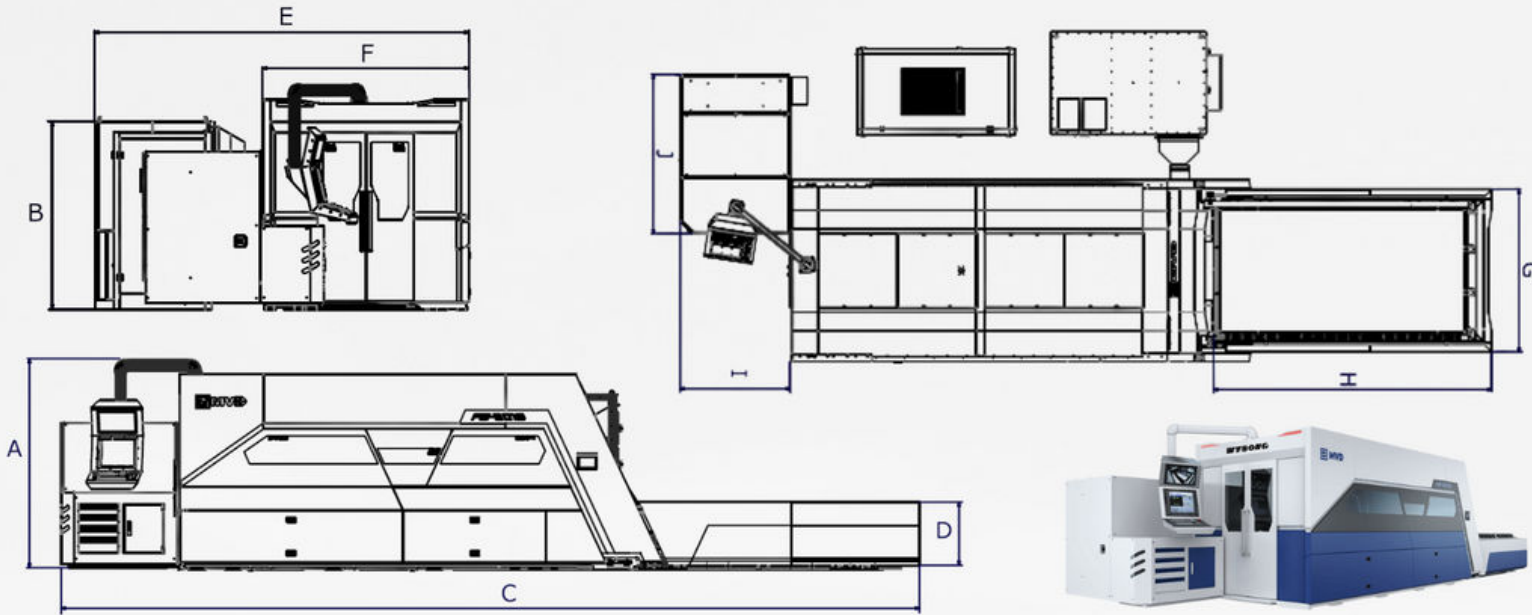
Automatic Chip Conveyer

Automatic Lubrication Of Bridge Axis

Machine Overview



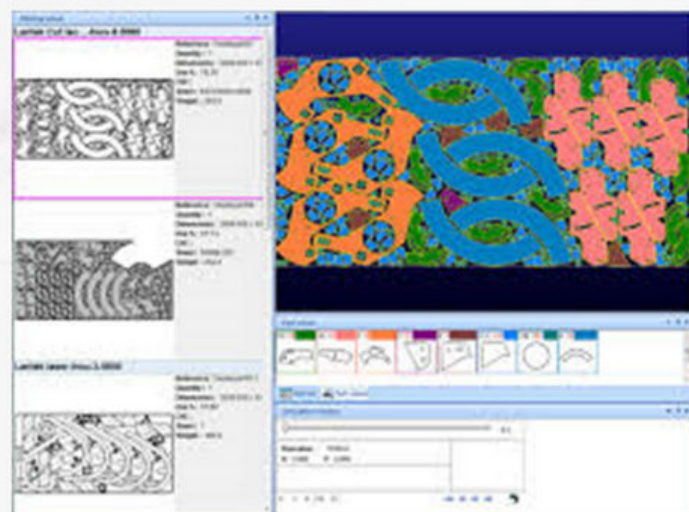
Code	Description
A	Control Panel
B	Machine Cabin
C	Cooler Unit
D	Filter Unit
E	Hydraulic Oil Pump
F	Resonator
G	Bridge
H	Main Body
I	Conveyor
J	Moveable Table 1
K	Scrap Collection Box
L	Moveable Table 2
M	Hydraulic System



	3015	4020	6020	8020	
X AXIS	120	159	237	316	INCHES
Y AXIS	60	80	80	80	INCHES
Z AXIS	4.7	4.7	4.7	4.7	INCHES
VELOCITY	120	159	237	237	G
MAX AXES SPEED	5905	5905	5905	5905	IPM
SYNCRONIZED SPEED	8267	8267	8267	8267	IPM
POSITIONING ACCURACY	.002	.002	.002	.002	INCHES
REPEATABILITY	.001	.001	.001	.001	INCHES
MACHINE WEIGHT	36,376	48,942	61,178	73,304	LBS
MAX LOADING CAPACITY	3,307	5,511	8,818	13,228	LBS
TABLE CHANGE TIME	24	30	45	60	SECONDS
A	102	102	102	102	INCHES
B	91	91	91	91	INCHES
C	393	491	658	658	INCHES
D	45	45	45	45	INCHES
E	163	198	198	198	INCHES
F	93	113	113	113	INCHES
G	80	100	100	100	INCHES
H	136	184	272	344	INCHES
I	49	49	49	49	INCHES
J	47	47	47	47	INCHES

LANTEK CAD/CAM

Lantek Expert Cut is a CAD/CAM system specially designed to automate the programming of sheet metal cutting machines (oxy-cut, plasma, laser and water jet). It is the result of over 25 years' experience and close collaboration with both manufacturers and users of this type of machine. It perfectly combines machine technology with the customer's programming and management needs. Lantek Expert Cut offers an advanced, intuitive and friendly interface able to improve the user's efficiency when it comes to programming.



Nesting

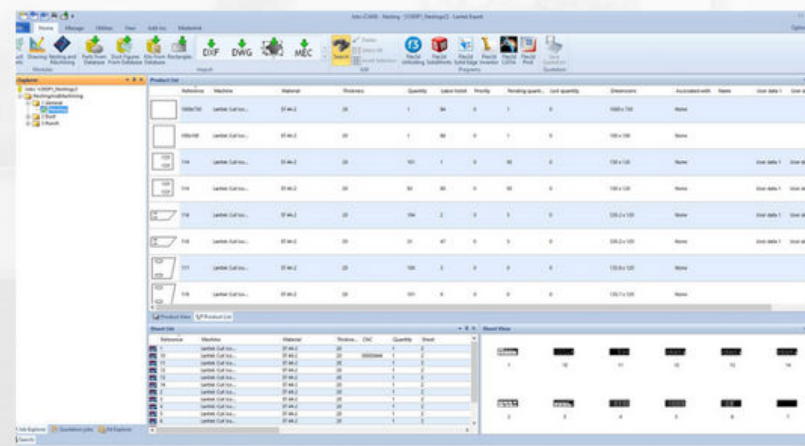
Automatic and manual nesting provides great flexibility and optimum performance. The perfect combination of automatic and semiautomatic nesting along with powerful manual nesting functions like: copying, moving, rotating, etc. The automatic nesting of Lantek Expert optimizes the utilization of parts on any sheet remnant.

Technology

Lantek Expert Cut allows configuration and management of the type and value of lead-ins/lead-outs for different types of contours. It is possible to common cut between different parts or limit to pairs of parts (with micro-joints and pre-cuts). It detects any errors in the design and machining. Lantek Expert Cut provides automatic lead-ins/lead outs, manual and automatic cutting, copied machining, customized machine configuration and postprocessors for all type of machines.

Laser technology

Lantek Expert Cut provides specific laser technology tables for each type of machine; management of reduced lead-ins/ lead-outs with runback; personalized piercing; fast piercing; sprint-laser; flying cut; micro-welds; micro-joints; head management; contour attributes; automatic and manual extractions.



Control Overview

ESA S675W

The widest touch screen available on fiber laser. 21" multi touch. A totally renewed interface, specifically designed for multi touch screen, is available as an alternative to the well-known ESA S650W interface.

Make the best of any 3D CAD/CAM you prefer. Direct import of tools shapes (.dxf files) and management of tool library.

General Properties

- Unlimited program size
- ISO G codes editor with parallel cycles support
- Built-in Code debugger with break-points
- Built-in PLC editor in C language (optional)
- HMI library for customization (optional)
- Secure login and user management with user levels
- Message journal
- Multi language support
- Folder management for parts and tools
- Advanced search facilities
- Favorite program lists
- Integrated scope
- Flexible I/O signal configuration
- Advanced online help



Software Features

- Sheet recognition (Auto/Manual)
- Kerf calculation
- Automatic distance sensor calibration
- Workspace transformation
- Online trajectory generation with acceleration jerk limitation
- Technology database interface
- Technology database override options
- Intelligent UPS and Power Failure Support
- Direct interface with UPS, automatic shut-down (option)

Interpolation

- Linear
- 2D circular
- Gantry axis
- Contour to contour motion options
- Kinematic interpolation (User defined)

MECHANICAL SHEARS



HYDRAULIC SHEARS



HYDRAULIC PRESS BRAKES



HYBRID PRESS BRAKES



SERVO PRESS BRAKES



FIBER LASERS

