



WPS Series

Hydraulic Guillotine Shears

- High Precision Hydraulic Guillotine Shear with 3-point Roller Gib System
- 39" Standard Back Gauge Travel
- Stroke Adjustment, Rake Angle and Blade Gap Adjustment Standard
- Bosch Rexroth Hydraulic System
- High Quality Alloy 2-piece Blades for Long Life
- Whitney (B) Basic Model Available
- Whitney (P) Premium Model Available

Whitney (B) Basic Models

B Model Features

- Estun E21 Control
- Hand Wheel Blade Gap Adjust (Manual)
- Electric Rake Angle Adjust (Manual)
- Leuze Light Curtain/Photocell
- 3 Front Sheet Supports
- Backgauge AC Motor w/Shaft and Chain Drive
- Bosch (Rexroth) Hydraulics



Estun E21S Control

Whitney (P) Premium Models

P Model Features

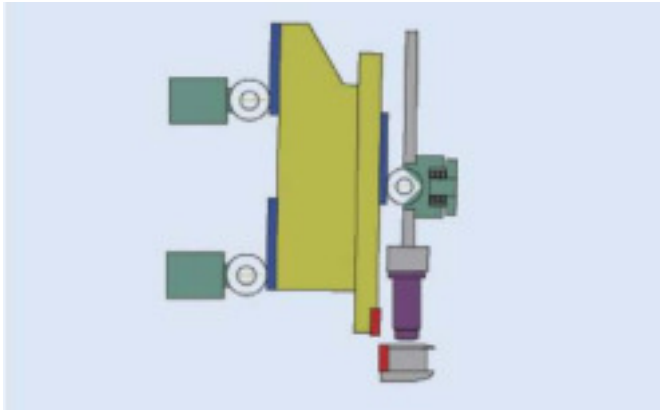
- Delem DAC-360 Control
- CNC Controlled Blade Gap
- CNC Controlled Rake Angle
- Leuze Light Curtain/ Photocell
- 3 Front Sheet Supports
- Backgauge AC Servo w/Ball Screw
- Bosch (Rexroth) Hydraulics



*Delem DAC-360
CNC Control*

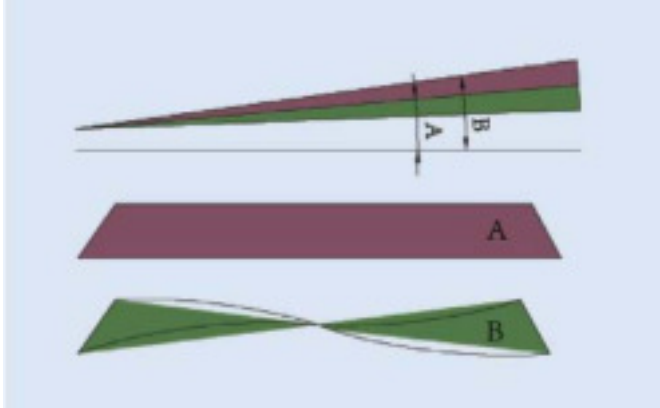
WPS Series Hydraulic Guillotine Shears

Structural Features



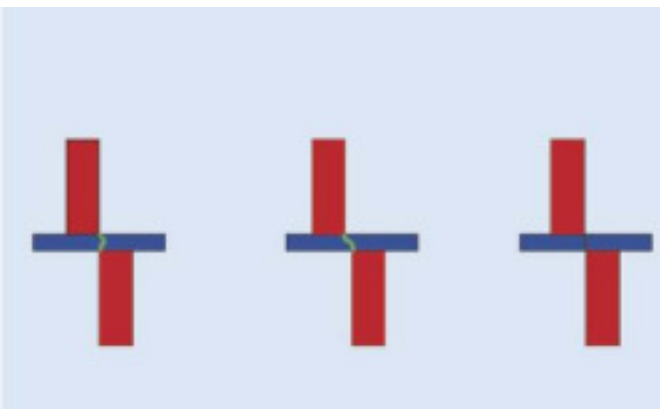
Roller Gib Design

- The roller gib system uses a front mounted disc spring tensioner to ensure the ram maintains contact with the rear rollers for proper alignment every stroke.



Adjustable Rake Angle

- The Adjustable Rake Angle allows for cutting a wide range of material thicknesses while minimizing deformation.
- (B) Basic Model uses Push Button Adjustment
- (P) Premium Model is CNC Controlled



Adjustable cutting clearance

- Adjustable Blade Gap ensures a better cut quality from thin to thick material
- (B) Basic Model is adjusted by a manual hand wheel
- (P) Premium Model is CNC Controlled

Standard configuration



Shear Table with Ball Transfers

- Ball Transfers in the shear table decreases friction and reduces scratching or marring of material



Hydraulic system

- The Bosch Rexroth Hydraulic System with accumulator return reduces working temperature to ensure reliable performance

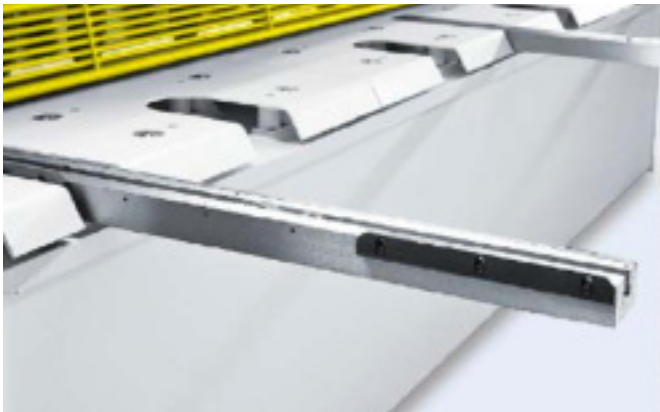


CNC controller

- (B) Basic Model uses the conventional Estun E215 control
- (P) Premium Model uses the Delem CNC DAC360 control

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Optional Items



Extended Squaring Arms

- Optional Sizes are available in 5', 6.5' and 10' Lengths.



Angle Protractor

- Installs in the squaring arm T-slot
- Able to be adjusted at any point along the squaring arm



Extended Depth Back Gauge

- 48" Back Gauge Available

Technical Specifications

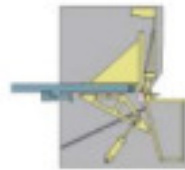
Model	Max. Thickness	Max. Cutting Length	Rake Angle	Hold Downs	Strokes/Min.	Backgauge Travel	Motor HP	Tank Volume Gal.	Length	Width	Height	Weight (lbs.)
WPS .250" x 8'	.250"	98	0.5-2	14	18	.400"-39"	6	66	122	78	81	12,128
WPS .250" x 10'	.250"	120	0.5-2	17	16	.400"-39"	6	66	144	78	81	13,892
WPS .250" x 13'	.250"	159	0.5-2	22	14	.400"-39"	6	66	184	81	86	19,845
WPS .250" x 16'	.250"	197	0.5-2	24	12	.400"-39"	11	172	225	94	98	31,973
WPS .250" x 20'	.250"	240	0.5-2	27	10	.400"-39"	11	172	270	98	104	44,762
WPS .3125" x 10'	.3125"	120	0.5-2	17	13	.400"-39"	8	84	145	80	83	16,317
WPS .3125" x 13'	.3125"	159	0.5-2	22	11	.400"-39"	11	84	184	82	87	23,814
WPS .3125" x 16'	.3125"	197	0.5-2	24	13	.400"-39"	16	172	227	95	100	39,690
WPS .3125" x 20'	.3125"	240	0.5-2	27	11	.400"-39"	16	172	270	98	104	49,613
WPS .3125" x 26'	.3125"	319	0.5-2	30	10	.400"-39"	22	264	353	106	112	97,461
WPS .375" x 13'	.375"	159	0.5-2	18	11	.400"-39"	16	172	188	91	94	28,665
WPS .500" x 8'	.500"	98	0.5-2.5	12	11	.400"-39"	16	172	128	90	102	19,845
WPS .500" x 10'	.500"	120	0.5-2.5	14	10	.400"-39"	16	172	149	90	93	22,050
WPS .500" x 13'	.500"	159	0.5-2.5	18	9	.400"-39"	22	172	189	93	98	33,516
WPS .500" x 16'	.500"	197	0.5-2.5	22	8	.400"-39"	22	172	231	94	102	52,920
WPS .500" x 20'	.500"	240	0.5-2.5	26	6	.400"-39"	22	264	274	98	114	72,765
WPS .500" x 23'	.500"	280	0.5-2.5	31	5	.400"-39"	28	290	313	102	124	99,225
WPS .500" x 26'	.500"	319	0.5-2.5	36	5	.400"-39"	28	290	353	106	136	176,400
WPS .625" x 8'	.625"	98	0.5-2.5	12	10	.400"-39"	16	172	129	93	106	25,358
WPS .625" x 10'	.625"	120	0.5-2.5	14	9	.400"-39"	16	172	149	93	96	28,224
WPS .625" x 13'	.625"	159	0.5-2.5	18	8	.400"-39"	22	172	190	94	99	39,690
WPS .625" x 16'	.625"	197	0.5-2.5	26	6	.400"-39"	28	264	231	98	114	67,253
WPS .625" x 20'	.625"	240	0.5-2.5	31	5	.400"-39"	28	264	275	100	118	85,995
WPS .625" x 26'	.625"	319	0.5-2.5	36	5	.400"-39"	34	290	354	106	138	155,453
WPS .750" x 8'	.750"	98	0.5-2.5	13	7	.400"-39"	22	172	136	93	112	32,193
WPS .750" x 10'	.750"	120	0.5-2.5	16	7	.400"-39"	22	172	157	93	98	35,721
WPS .750" x 13'	.750"	159	0.5-2.5	20	7	.400"-39"	28	211	205	98	118	61,740
WPS .750" x 16'	.750"	197	0.5-2.5	24	6	.400"-39"	41	290	236	106	132	97,020
WPS .750" x 20'	.750"	240	0.5-2.5	27	5	.400"-39"	41	290	280	110	136	121,275
WPS 1.000" x 8'	1.000"	98	0.5-2.5	13	6	.400"-39"	34	264	138	94	122	48,510
WPS 1.000" x 10'	1.000"	120	0.5-2.5	16	6	.400"-39"	34	264	163	96	126	52,920
WPS 1.000" x 13'	1.000"	159	0.5-2.5	20	4	.400"-39"	41	396	199	98	118	84,893
WPS 1.125" x 10'	1.125"	120	0.5-3.5	16	4	.400"-39"	41	290	167	104	119	73,427

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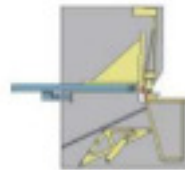
Pneumatic Support Options



Positioning Pneumatic Sheet Support
Available on models 5/16" x 13' and smaller



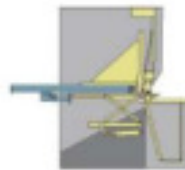
First step: During Gauging



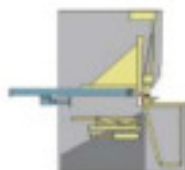
Second step: During Part Drop



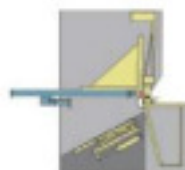
Combined Pneumatic Sheet Support
Available on models 5/16" x 13' and smaller



Step one: During Gauging



Step two: During Shearing



Step three: During Part Drop

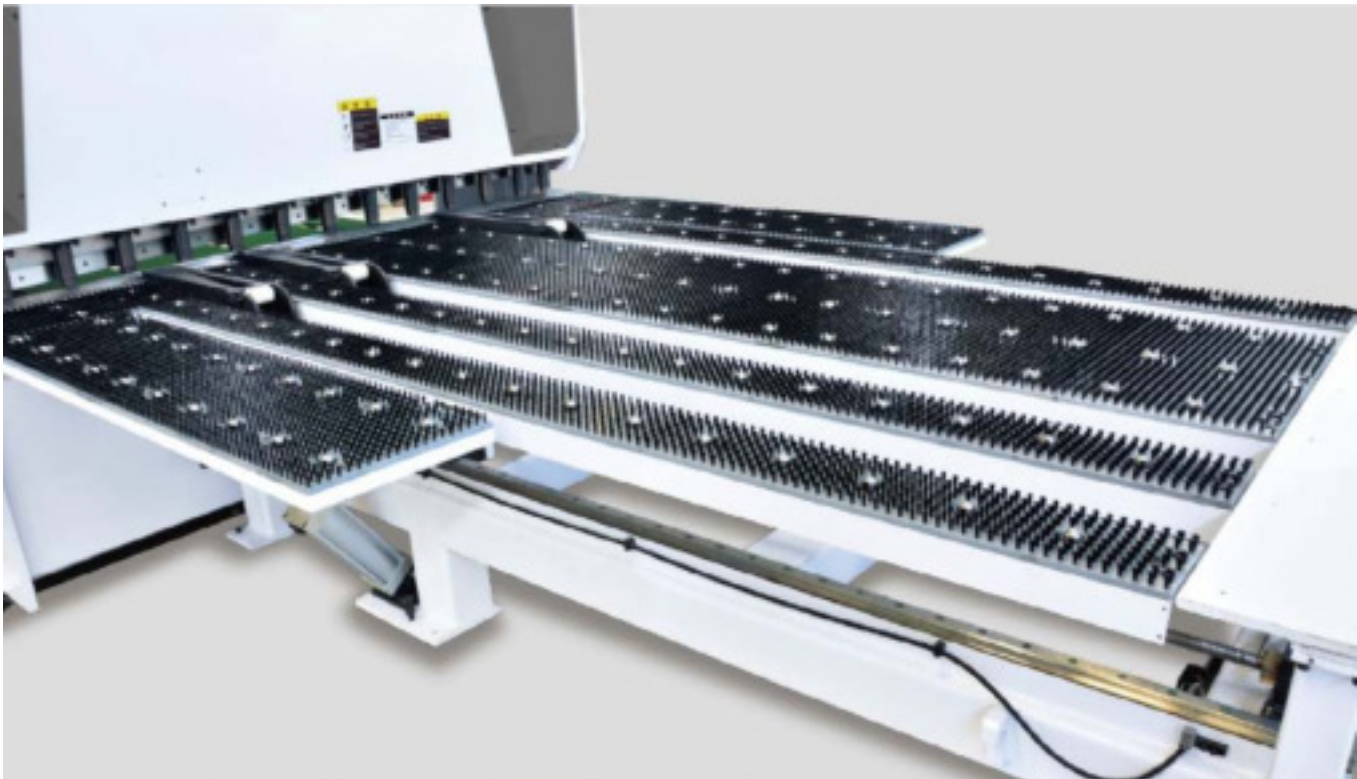
Rear Conveyor Option



- Sheared Material is conveyed safely beyond the moving backgauge
- Polyurethane conveyor belts reduces material scratching
- Reduces the noise of the material dropping
- Includes the Positioning Pneumatic Sheet Support
- Equipped with industrial casters for easy removal for maintenance and clean up
- Available on models 5/16" x 13' and smaller

WPS Series Hydraulic Guillotine Shears

Powered Front Feeding System Option



Specifications	
Max. Stroke	98"
Positioning Precision	.004"
Min. Scrap Length	4"
Min. Cutting Width	18"
# of Clamps	3
Motor Power	3HP

- Double Ball Screw Drive with Linear Guides
- Brush Table Design with Ball Transfers to help protect the material surface
- Pneumatic clamps are positioned parallel with the table for material loading convenience
- Guides Wheels are located in front of the hold down cylinders to protect them from damage when feeding material
- Left and Right Table Sides can be lowered for manual shearing



Heavy Duty Powered Front Feeding System Option



Specifications	
Max. Stroke	118"
Positioning Precision	.004"
Min. Scrap Length	14"
Min. Cutting Width	65"
# of Clamps	3
Motor Power	3HP x 3

- Double Ball Screw Drive with Linear Guides
- Roller feed table for easy plate movement
- Hydraulic clamps provide for better clamping force
- Guides Wheels are located in front of the hold down cylinders to protect them from damage when feeding material

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