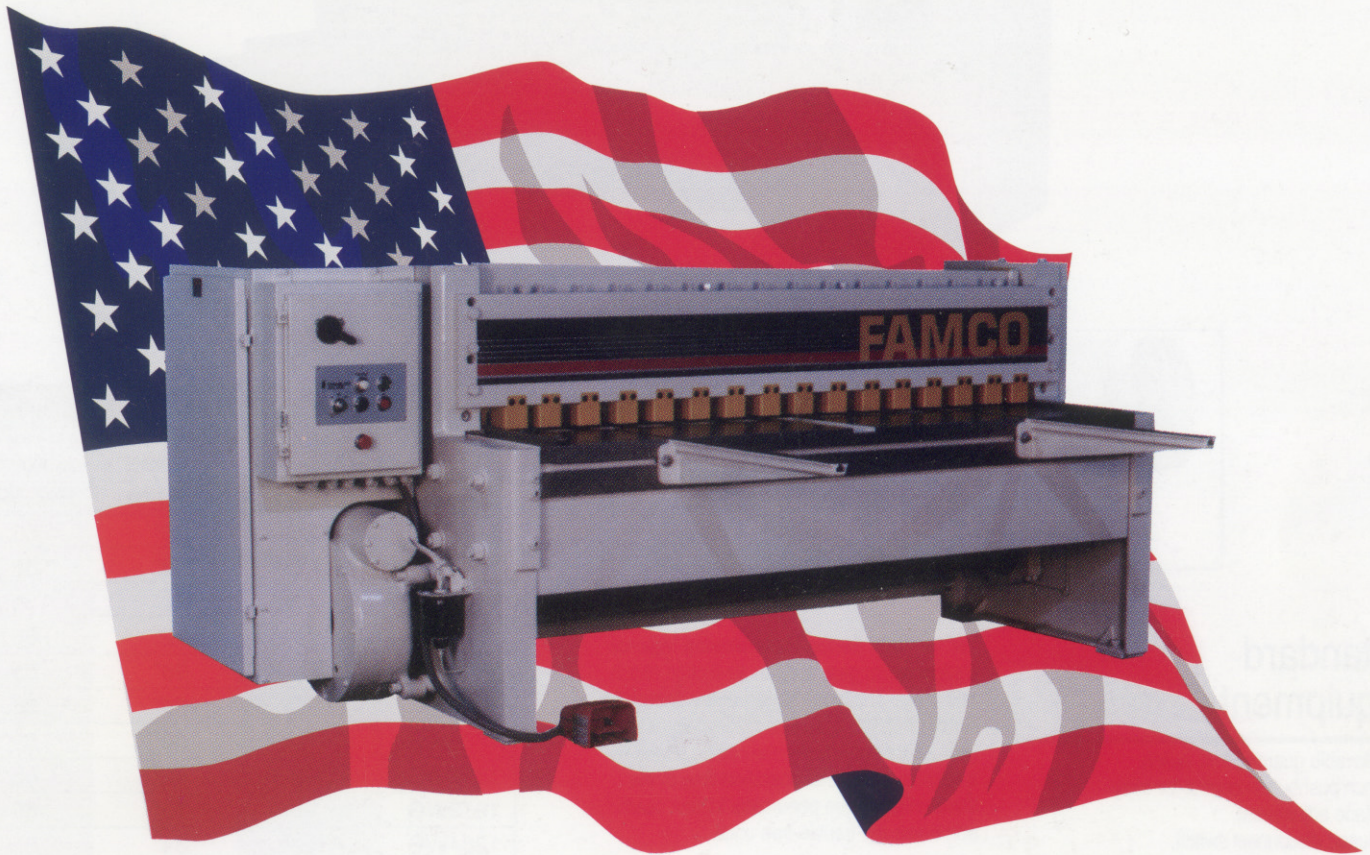


Squaring Shears



Mechanical shears
Hydraulic shears
Gap style shears

Air shears
Foot shears
Special shears

FAMCO
MACHINE DIVISION



GORTON



MILWAUKEE
SLIDE AND
SPINDLE

W & WG

series

14 GAGE TO 1/4" 2' TO 12' CUTTING LENGTH

The most modern design is incorporated in this rugged, big capacity series of FAMCO squaring shears. Whether cutting to capacity or very light gage material, each cut is square and accurate. Fast air clutch engagements and movable guarded foot-switch control make the shears in this series ideal for high production use.

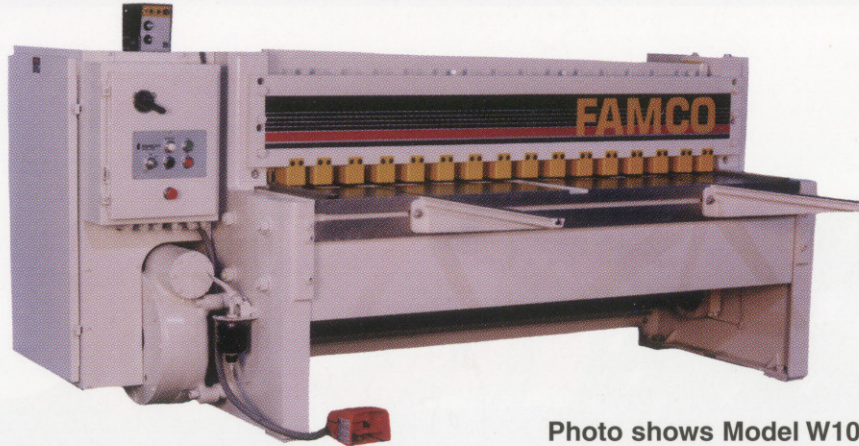
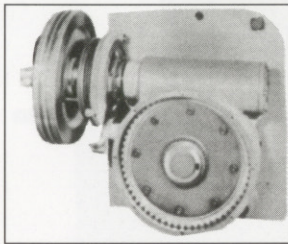
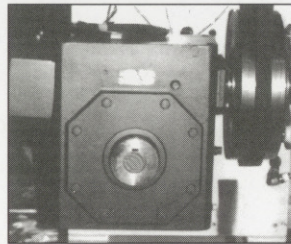


Photo shows Model W1072 with optional motorized back gage



"W" Series



"WG" Series

Standard equipment

- Movable guarded foot switch.
- Inch pushbutton control for easy blade adjustment.
- Fused disconnect switch.
- Magnetic starter with overload protection (115 volt controls).
- Solenoid-operated pneumatic friction clutch and brake.
- Single stroke operation.
- Front operated digital back gage on "W".
- Front and side gages.
- Hold-down with individually spring-loaded feet, with non-marking hold-down pads.
- Four-edged reversible blades.
- Blade and hold-down guards.
- One-shot lubrication system on "W".
- Two (2) disappearing stock stops.
- Rear operated linear back gage on "WG".

"W" & "WG" Series Transmission features a silent worm gear, with an air-friction clutch and brake. The worm is part of the one-piece clutch shaft to insure true rigidity. Worm and gear rotate **only** during the cutting stroke — a fraction of the total operation time of the shear. High torque pneumatic friction clutch and brake are trouble-free units.

Standard "W" Series Gage

The front-operated, digital back gage standard in 24" length, enables the operator to conveniently change the gage setting from the front of the shear, with a front mounted dial reading directly in thousandths for accuracy and simplicity.

Each turn of the large handwheel moves the gage .200" and a positive locking arrangement permits infinite positioning within the gage range in either angular or parallel setting.

Standard on W Series, optional on other series.

SPECIFICATIONS

Model	Capacity Mild Steel	Cutting Length	Strokes Per Min.
1436WG	14 GA	36"	85
1452WG	14 GA	52"	85
1460WG	14 GA	60"	85
1472WG	14 GA	72"	85
1496WG	14 GA	96"	85
1224WG	12 GA	24"	85
1236WG	12 GA	36"	85
1252WG	12 GA	52"	85
1272WG	12 GA	72"	85
1284WG	12 GA	84"	85
1296WG	12 GA	96"	85
1036WG	10 GA	36"	85
1048WG	10 GA	48"	85
1052	10 ga.	52"	65
1060	10 ga.	60"	65
1072	10 ga.	72"	65
1096	10 ga.	96"	65
1010	10 ga.	10'	65
1012	10 ga.	12'	65
752	3/16"	52"	65
772	3/16"	72"	65
796	3/16"	96"	65
2548	1/4"	48"	65
2552	1/4"	52"	65
2572	1/4"	72"	65
2596(OHD)	1/4"	96"	65
2510(OHD)	1/4"	10'	65
2512(OHD)	1/4"	12'	65

Hydraulic Shears

10 GAGE TO 1/4", 3/8", 1/2" & 3/4" – 60" TO 12' CUTTING LENGTH

Designed for simplicity and safety, these over-driven and under-driven hydraulic shears maintain a razor sharp edge time after time. These shears are designed with an advanced hydraulic system that is flexible, and easy to operate and maintain. All steel construction provides true rigidity. These shears are able to withstand the rigors of today's production demands.

A wide range of options are available.

Installation is fast and easy; simply provide electrical power and you are ready for production.

Precise stroke control is provided through a limit switch adjustment.



High Profile

SPECIFICATIONS

Model	Capacity Mild Steel	Cutting Length	Strokes Per Min.
10H52	10 ga.	52"	20
10H60	10 ga.	60"	20
10H72	10 ga.	72"	20
10H84	10 ga.	84"	20-25
10H96	10 ga.	96"	20-25
10H10	10 ga.	120"	15-20
10H12	10 ga.	144"	15-20
25H48	1/4"	48"	20-25
25H60	1/4"	60"	20-25
25H72	1/4"	72"	20-25
25H96	1/4"	96"	15-20
25H10	1/4"	120"	15-20
25H12	1/4"	144"	15-20
38H48	3/8"	48"	15-20
38H60	3/8"	60"	15-20
38H72	3/8"	72"	15-20
38H96	3/8"	96"	10-15
38H10	3/8"	120"	10-15
38H12	3/8"	144"	10-15



Low Profile

Standard equipment

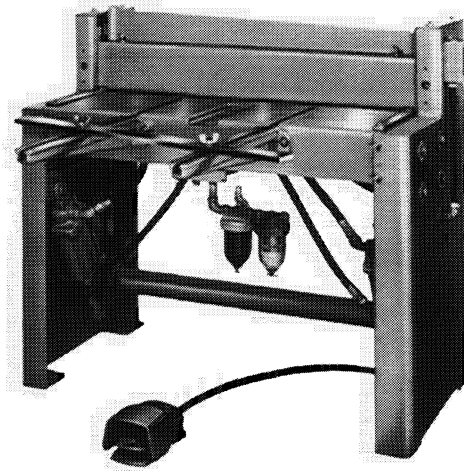
- 36" Power Backgage with LED Readout
- Power Adjust Variable Rake
- 4' Squaring Arm with Inlaid Scale
- Hour Meter
- Single Piece Top and Bottom, HCHC Shock Resistant Knives with Four Cutting Edges
- Hydraulic Self-compensating Holddown Bar Assembly
- Disconnect Switch
- All Steel Construction
- Hydraulic Pressure: 2500 PSI

Air Shears

MODELS — 14 AND 16 GAGE 36" TO 96" CUTTING LENGTH

The power transfer mechanism sets the FAMCO Air Shear apart; two powerful air cylinders connected to a common steel torque tube deliver the full rated capacity. Solenoid air valve is quickly actuated by convenient movable foot switch. Features FAMCO quality construction, including all-steel, box-type bed and end members for rugged, rigid support. Installation is fast and easy; simply connect the air line and plug the solenoid valve to any 115 volt AC outlet.

Quick exhaust valves. Available for all air shears and useful where increased strokes per minute is desirable. Quick exhaust valves installed on both ports of each air cylinder increase the down and up stroke of the shear.



Standard equipment

- Dual air cylinders
- Air filter and lubricator
- Solenoid operated air valve
- Solid holddown
- Four-edged reversible blades
- Front and side gages
- Manual back gage
- Movable foot switch guarded
- Shut-off air valve
- OSHA guarding

SPECIFICATIONS

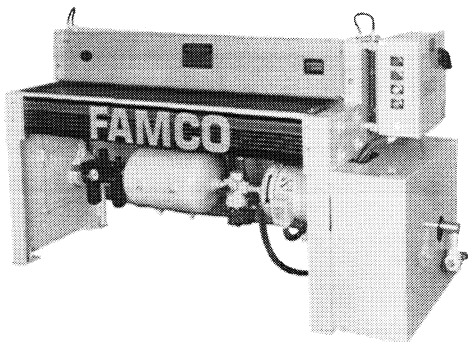
Model	Capacity Mild Steel	Cutting Length	Strokes Per Min.	Air Pressure Required (PSI)	Compressor H.P. (2 Stage with Surge Tank) 20 Cuts/Min.	Free Air Consumption Per Stroke (Cu. Ft.)
A24	14 ga.	24"	15	80	4.5	1.40
A36	14 ga.	36"	15	80	4.5	1.40
A52	16 ga.	52"	15	80	4.5	1.40
A72	16 ga.	72"	15	80	4.5	1.40
A84	16 ga.	84"	15	80	4.5	1.40
A96	16 ga.	96"	15	80	4.5	1.40

B series

MODELS — 14, 16, and 18 GAGE 24" to 72" CUTTING LENGTH

Efficient performance makes this 190-strokes-per-minute model the ideal choice for any operation within the stated capacity. In every-day use or in cut-to-length lines of lighter materials, these shears offer versatility and the quality construction found in every FAMCO power shear.

B Series shears feature an anti-friction clutch and brake. The Ortech pneumatic clutch and brake are trouble-free units, self-compensating for wear. This 360° engagement clutch provides instantaneous, accurate shear operation—assuring the consistent repetition essential to effective cut-to-length lines and feed operations of all kinds.



SPECIFICATIONS

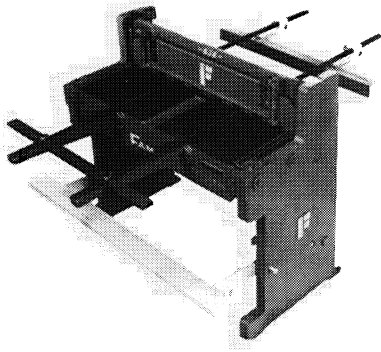
Model	Capacity Mild Steel	Cutting Length	Motor Horsepower	Strokes Per Min.
124B	14 ga.	24"	2	190
136B	16 ga.	36"	2	190
142B	16 ga.	42"	2	190
152B	16 ga.	52"	2	190
160B	18 ga.	60"	2	190
172B	18 ga.	72"	2	190

Standard equipment

- Movable guarded foot switch
- Four-edged reversible blades.
- Electric selector switch (single stroke, neutral and continuous).
- Manual back gage.
- Fused disconnect switch.
- Front and side gages
- Solid holddown.
- Magnetic starter with overload protection.
- Low voltage controls (115 volts).
- OSHA guarding
- Air-filter and lubrication
- Individual blade adjustment blocks
- Non-metallic gib bearings

Foot Shears

RUGGED AND DEPENDABLE



Standard equipment

- Tool steel blades.
- Gages: front, back and side.
- Holddown, spring loaded.
- Lexan, finger guard.
- Support brackets.
- T-slots and hand slot

Air and hydraulic kits available for field conversion.

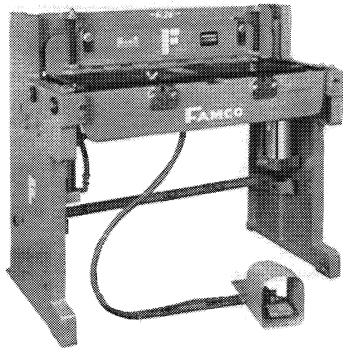
SPECIFICATIONS

Mode	636	652
Capacity	16 ga. x 36"	16 ga. x 52"
Back Gage	28"	28"
Front Gage	32"	32"
O.A. Dimensions	24" x 44"	24" x 60"

Air Operated Shears

These shears incorporate two heavy-duty air cylinders, 4" bore x 5" stroke. They provide simplicity and higher production capability, along with ease of operation, through a foot air valve.

Air Requirements: 1/2" air line at 80psi. **Air Consumption:** 30 cfm at 15 spm. *O.A. dimensions shown without gages. Add 48" to 24" W for gages.*



SPECIFICATIONS

Mode	A636	A652
Capacity	16 ga. x 36"	16 ga. x 52"
Back Gage	28"	28"
Front Gage	32"	32"
O.A. Dimensions	24" x 44"	24" x 60"

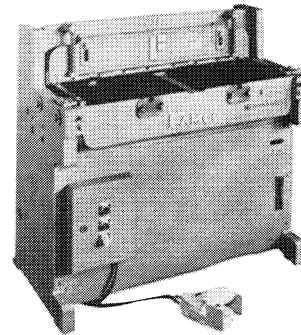
These versatile, compact, low cost hydraulic shears are equipped complete with 3 H.P. motor, self-contained hydraulic power unit, motor starter, electric solenoid valve, foot switch, stroke control, and heavy-duty hydraulic cylinders.

All controls — 110V AC
Motor — 230/460 — 3-60
Speed: 45SPM

SPECIFICATIONS

Mode	6H36	6H52
Capacity	16 ga. x 36"	16 ga. x 52"
Back Gage	28"	28"
Front Gage	32"	32"
O.A. Dimensions	24" x 44"	24" x 60"

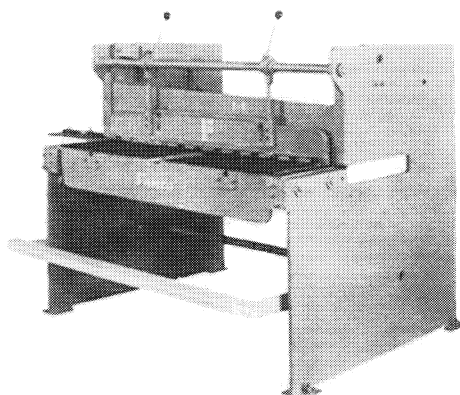
Hydraulic Shears



Gap Style Foot Shears

These versatile, rugged, foot shears offer the added features of slitting and notching. The 18" gap permits slitting a sheet of any length, by successive cuts. Slitting gage, back gage, front and side gage are standard, along with manually actuated cam holddown and ginger guard.

O.A. dimensions shown without gages. Add 18" for front gage to 48" value.



SPECIFICATIONS

Mode	637	653
Capacity	16 ga. x 36"	16 ga. x 52"
Back Gage	28"	28"
Front Gage	32"	32"
Gap	18"	18"
O.A. Dimensions	48" x 44"	48" x 60"

HDW

series

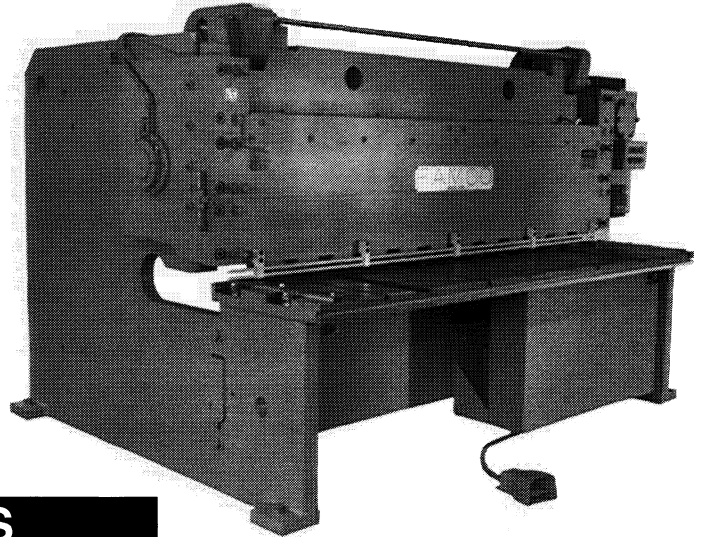
3/8" 4' TO 12' CUTTING LENGTH

The most modern design is incorporated in this rugged, big capacity series of FAMCO squaring shears. Whether cutting to capacity or very light gage material, each cut is square and accurate. Fast air clutch engagements and movable guarded foot-switch control make the shears in this series ideal for high production use.

Standard equipment

- Movable guarded foot switch.
- Inch pushbutton control for easy blade adjustment.
- Fused disconnect switch.
- Magnetic starter with overload protection (115 volt controls).
- Solenoid-operated pneumatic friction clutch and brake.
- Single stroke operation
- Front operated digital back gage.
- Front and side gages.
- Hold-down with individually spring-loaded feet, with non-marking hold-down pads.
- Four-edged reversible blades.
- Blade and hold-down guards.
- One-shot lubrication system.
- Two (2) disappearing stock stops.

"W" Series Transmission features a silent worm gear, with an air-friction clutch and brake. The worm is part of the one-piece clutch shaft to insure true rigidity. Worm and gear rotate **only** during the cutting stroke – a fraction of the total operation time of the shear. High torque pneumatic friction clutch and brake are trouble-free units.

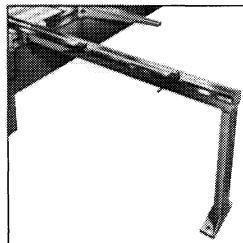


SPECIFICATIONS

Model	Capacity Mild Steel	Cutting Length	Strokes Per Min.
648(OHD)	3/8 Inch	48	55
672(OHD)	3/8 Inch.	72	55
696(OHD)	3/8 Inch	96	55
610(OHD)	3/8 Inch	120	55
612(OHD)	3/8 Inch	144	55

Accessories

DESIGNED AND BUILT IN KENOSHA, WISCONSIN

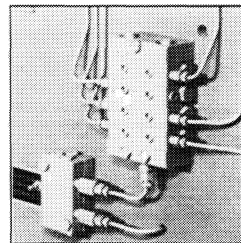


Front squaring arms. Available in 6', 8' and 10' lengths. Heavy steel beds are accurately ground with full length heat-treated side guide. Graduated scale and two movable swing stops facilitate sheet positioning. Furnished for left side shear unless right side is specified.

Area Light Option. Two lamp fluorescent fixture mounted above blade and bed area.

Light Curtain Option. (Light beam gage) An arrangement of lights which cast a sharp dark shadow line useful in shearing material to scribed lines. The contrasting shadow line is located over the cutting edge, there by assuring accurate shearing with full view clearance between holddown and crosshead for operator ease. Available for all shear series.

Non-marking holddown pads. Protects highly polished materials, prevents scoring. Also reduces holddown clamping noise. Neoprene on solid holddowns and urethane cups on individual foot holddowns. **Standard on W series.**



One-point grease lubrication system. A central junction block and one grease fitting services all lubrication points. This system is ideal for shears in continuous applications where a minimum of preventative maintenance is required.

Motorized Back Gage with Front Digital Control. This back gage enables the operator to make quick, accurate gage settings entirely from the front of the machine and is especially valuable and time saving for work requiring frequent changes in gage settings.

Direction of the back gage bar is controlled through a toggle type selector switch. Positioning speed is infinitely variable from 0 to 12 IPM. An easy to read direct reading dial calibrated in thousandths allows instant and accurate reading of the gage setting. Available as optional equipment on all shear series.

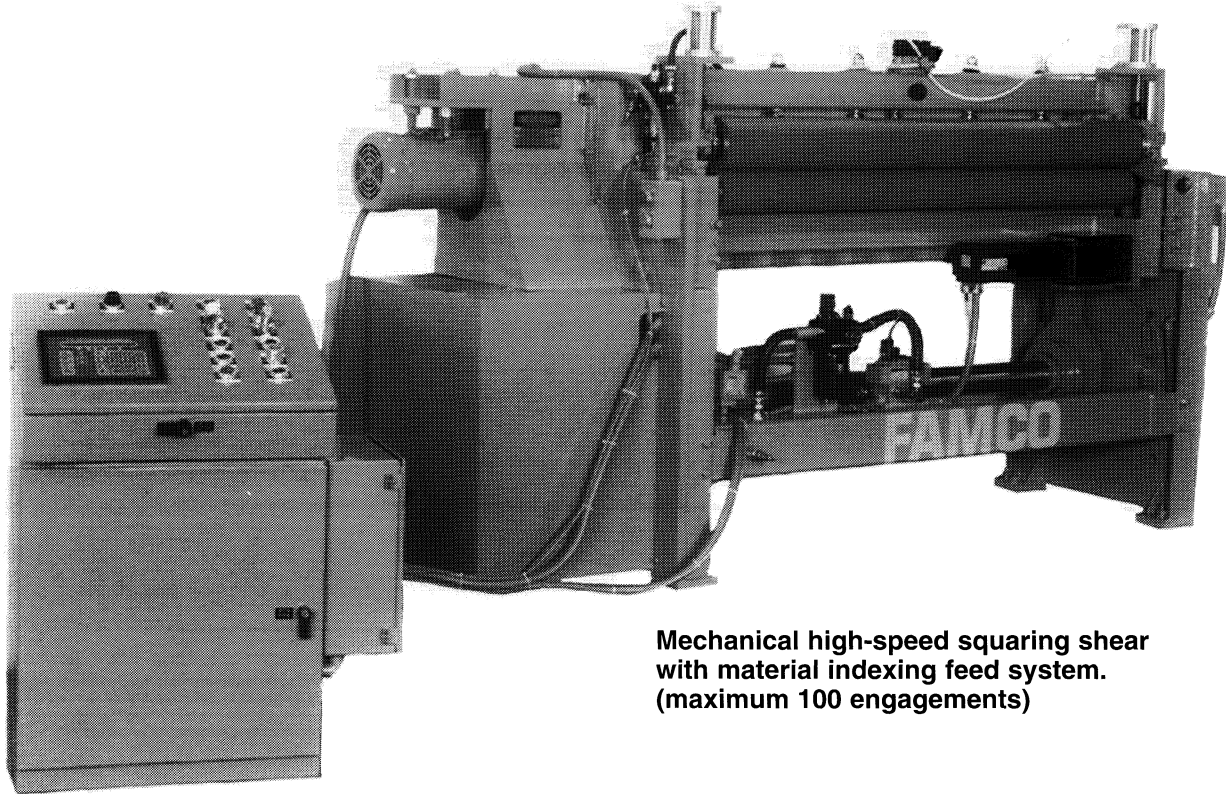
Disappearing stock stops. Located in the table and front gage T-slots for convenient front gaging. Sliding a sheet over these stops depresses a latch which protrudes above the table surface after the sheet has passed. **Two furnished as standard on W Series.**

Special Shears

Designed and built in Kenosha, Wisconsin

If your problem is a special one — shearing a material that you now feel must be cut by other means, fitting a shearing operation to a new process, developing a shear specifically designed to cut a new material — FAMCO is eager to offer a solution. FAMCO engineers have the experience and know-how to design and produce a shear that will do an efficient job for you, whether the answer lies in a minor revision of an existing model or involves a whole new concept of shearing. Your problem may be solved by a special

blade opening, crosshead slope or stroke. It may require a special speed, or a different holddown device, or a new electrical circuit. Perhaps a special grinding of blades — even special corrugated blades — will make your operation more efficient and profitable. Whatever your question, consult the acknowledged leader in the field of special shears, and let FAMCO advise you. Just a few of FAMCO'S solutions to special problems are shown here.



Mechanical high-speed squaring shear with material indexing feed system. (maximum 100 engagements)

Special Modifications

To give you the best possible shearing results with your materials, FAMCO engineers may recommend certain modifications to standard models. A few of the many which may be applied are listed here:

Special blade openings at the low end of the knives can be provided per your requirements by using standard eccentric cams with greater throw. Specifications sheets show maximum with indexing bed, optional openings; for openings larger than those listed, FAMCO will furnish special quotations.

Reduced crosshead slope — or no slope at all — may result in better cutting results with some materials, such as certain plastics.

Special stroke may be required with larger blade openings, or when higher upper knife velocity is desired.

Special holddown may prove desirable for cutting some materials. Special non-marking pads are often required to prevent marring material.

Special voltages and frequencies are sometimes required for

specific installations. Explosion proof, DC and JIC electrical variations are but a few of those available.

Special grinding of knives for most effective shearing of unusual materials is offered, with 30° or 45° back rake angle to the upper knife.

Special blade configurations, such as corrugated blades are produced as required.

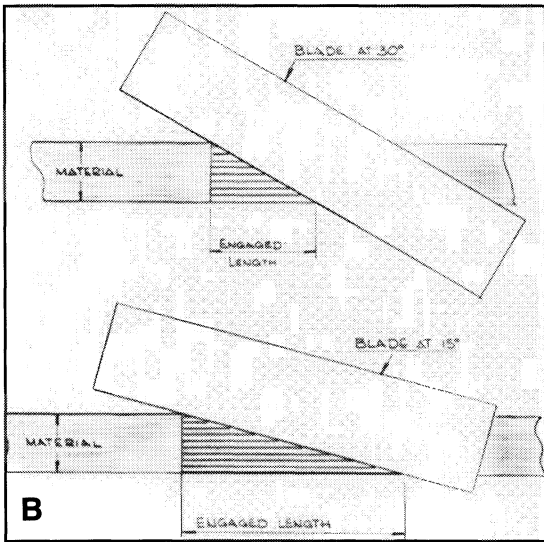
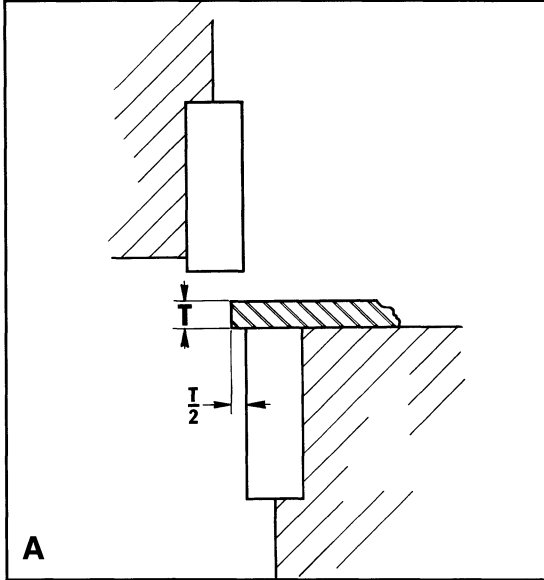
Single stroke circuitry for air shears activates one complete cut cycle each time the foot switch is momentarily actuated. This is available instead of the standard air shear circuitry, where the foot switch must be depressed and held during the down stroke.

Spring loaded holddown feet, individually adjustable to hold any sheet firmly in place without marring. Standard equipment on W Series Shears, available at extra cost on all other models.

Solid beds are available at no additional cost on all models up to and including 72" cutting lengths in all series except the W Series. Available in other models at slight additional cost.

Built-in Rigidity

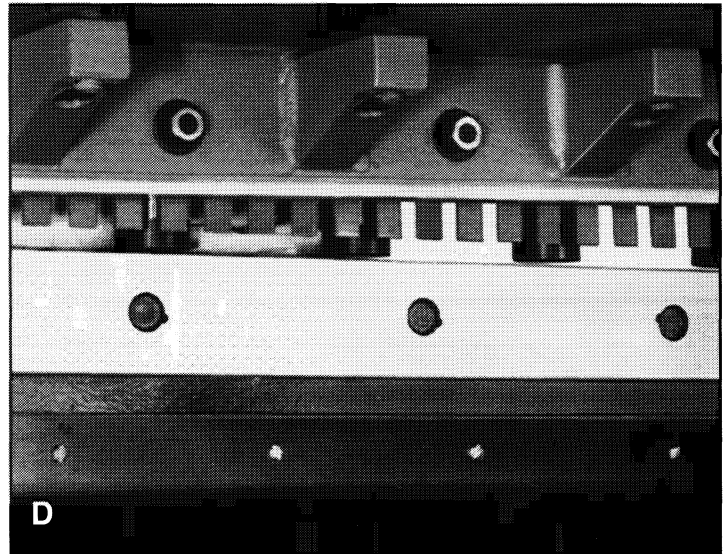
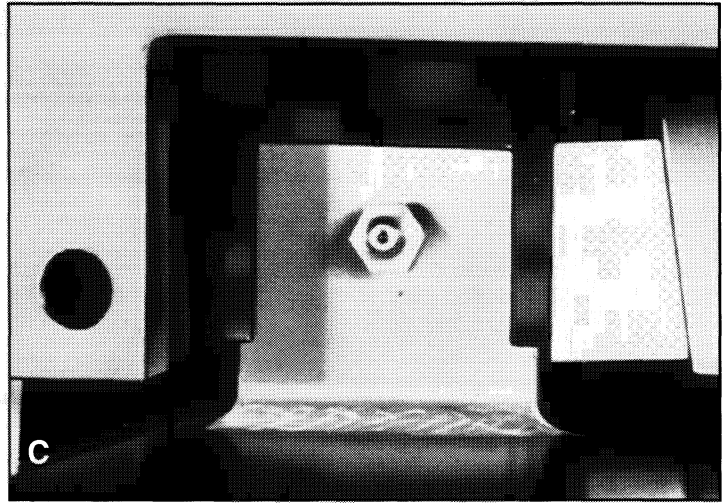
A All FAMCO shears have the built-in rigidity to shear very narrow strips of full capacity material, without offsetting. Under this test, a weak bed and crosshead construction would cause deflection – the narrow strip would bend over, rather than shear with a clean edge as it does with the FAMCO shear. Shears of cast construction mistakenly cite weight as an indicator of rigidity, instead of the strong integral design and construction that assures true rigidity.



B On most models, FAMCO has a lower crosshead blade rake. This is especially important when shearing narrow strips of full width material. High blade rake would cause bow, twist and camber in the back piece. FAMCO's lower rake angle substantially reduces this condition. Drawing shows that a lower blade rake angle has more material under shear at any one time, and therefore must be heavier in construction, as with FAMCO shears, to resist these increased cutting forces. Thus, while first-cost may be lower with shears using high blade rake angle, the user quickly loses this cost advantage because of inferior shearing results, high scrap rate and need for reworking – common to less rigid machines. You shear with confidence using your FAMCO shear.

C Non-metallic crosshead gib bearings on all FAMCO shears are Texolite, and are located on front, back and ends of the crosshead. Non-metallic gibs permit setting a close clearance in the gib ways by means of the tapered gib spacer. This is particularly important on light-gauge material where blade clearances are at a minimum and a burr-free cut is mandatory.

If gib way clearances were excessive, the crosshead could move in the ways when the material is contacted, thereby increasing the blade clearance and causing a poor sheared edge. The FAMCO crosshead remains truly aligned on even the most difficult cuts.



D FAMCO uses the adjustment block design on all models and sizes similar to that used on heavy gauge and plate shears, to assure utmost dependability and rigidity. The individual blade seat adjustment blocks, shown above, are spaced six to eight inches apart and permit extremely accurate blade clearance settings throughout the full length of the shear, without shimming or other compromising procedures. These adjustment blocks can be quickly set to an exact blade clearance for more accurate and burr-free shearing.

Material Comparison

Equivalent capacity of FAMCO shears for material other than mild steel.

Mild Steel Gauge 50,000 PSI Shear Strength	3/8	1/4	3/16	10 .135	12 .105	14 .075	16 .060	18 .048	20 .036
Plastics – ABS Compounds	1.00	.875	.560	.500	.375	.250	.200	.150	.120
Stainless Steel									
Type 302 Annealed	.312	.200	.141	.109	.078	.063	.050	.038	.031
Type 302 Cold Worked	.250	.187	.109	.078	.063	.044	.038	.025	.018
Silicone Steel	.350	.210	.166	.105	.075	.060	.048	.036	.030
SAE 1050 Cold Rolled	.350	.210	.135	.105	.075	.060	.048	.036	.030
Aluminum									
1100-0	.500	.375	.313	.250	.190	.125	.100	.090	.063
1100-H14	.500	.375	.250	.190	.160	.125	.100	.090	.063
1100-H18	.625	.500	.250	.190	.160	.100	.090	.080	.063
3003-0	.750	.375	.313	.190	.160	.125	.100	.080	.063
3003-H14	.625	.500	.250	.190	.160	.100	.090	.080	.063
3003-H18	.625	.500	.250	.190	.160	.100	.090	.080	.063
5005-H14	.625	.500	.250	.190	.160	.100	.090	.080	.063
5052-0	.625	.500	.250	.190	.125	.100	.080	.063	.050
5052-H34	.625	.500	.250	.160	.125	.100	.080	.063	.050
5052-H38	.625	.450	.190	.160	.125	.100	.080	.063	.050
2024-0	.625	.500	.250	.190	.125	.100	.080	.063	.050
2024-T3	.625	.450	.190	.160	.125	.090	.271	.063	.050
6061-0	.625	.500	.250	.190	.160	.125	.100	.090	.063
6061-T4	.625	.450	.190	.160	.125	.100	.080	.063	.050
6061-T6	.625	.450	.190	.160	.125	.100	.080	.063	.050
7075-0	.625	.500	.250	.160	.125	.100	.080	.063	.050
7075-T6	.625	.450	.190	.125	.100	.080	.063	.050	.040
Brass-Yellow 65%-35%									
Soft	.450	.290	.229	.169	.129	.091	.072	.064	.051
1/2 Hard	.375	.250	.187	.144	.114	.081	.064	.051	.036
Hard	.375	.250	.187	.129	.102	.072	.064	.051	.036
Bronze, Phosphor									
Annealed	.375	.250	.204	.144	.114	.081	.064	.051	.040
Spring Temper	.312	.210	.162	.114	.091	.064	.051	.041	.032
Copper									
Soft	.450	.290	.229	.162	.129	.091	.072	.064	.051
Hard	.375	.250	.204	.144	.114	.081	.064	.051	.040
Gold – Soft 14 Carat	–	–	.200	.140	.110	.080	.060	.050	.040
Silver – 1/2 Hard Sterling	–	–	.200	.140	.110	.080	.060	.050	.040

specifications

Series	Model		Capacity Mild Steel	Cutting Length	Capacity – Stainless Steel - 75,000PSI Shear Strength	Capacity – Aluminum - 9,000PSI Shear Strength	Capacity – Aluminum - 20,000PSI Shear Strength	Maximum Cutting Width (Inches)	Length of Knives (Inches)	
AIR Series	A24		14GA	24"	.063"	.125"	.100"	25	26	
	A36		14GA	36"	.063"	.125"	.100"	37	38	
	142		14GA	42"	.063"	.125"	.100"	43	44	
	A52		16GA	52"	.050"	.100"	.080"	53	54	
	A60		16GA	60"	.050"	.100"	.080"	61	62	
	A72		16GA	72"	.050"	.100"	.080"	73	74	
	A84		16GA	84"	.050"	.100"	.080"	85	86	
	A96		16GA	96"	.050"	.100"	.080"	97	98	
	B Series	124		14GA	24"	.063"	.125"	.100"	25	26
136			16GA	36"	.050"	.100"	.080"	37	38	
142			16GA	42"	.050"	.100"	.080"	43	44	
152			16GA	52"	.050"	.100"	.080"	53	54	
160			18GA	60"	.038"	.090"	.063"	61	62	
172			18GA	72"	.038"	.090"	.063"	73	74	
WG/HYD		1424WG	14H24	14GA	24"	.063"	.125"	.100"	25	26
	1436WG	14H36	14GA	36"	.063"	.125"	.100"	37	38	
	1442WG	14H42	14GA	42"	.063"	.125"	.100"	43	44	
	1452WG	14H52	14GA	52"	.063"	.125"	.100"	53	54	
	1460WG	14H60	14GA	60"	.063"	.125"	.100"	61	62	
	1472WG	14H72	14GA	72"	.063"	.125"	.100"	73	74	
	1484WG	14H84	14GA	84"	.063"	.125"	.100"	85	86	
	1496WG	14H96	14GA	96"	.063"	.125"	.100"	97	98	
	1224WG	12H24	12GA	24"	.078"	.160"	.125"	25	26	
	1236WG	12H36	12GA	36"	.078"	.160"	.125"	37	38	
	1242WG	12H42	12GA	42"	.078"	.160"	.125"	43	44	
	1252WG	12H52	12GA	52"	.078"	.160"	.125"	53	54	
	1260WG	12H60	12GA	60"	.078"	.160"	.125"	61	62	
	1272WG	12H72	12GA	72"	.078"	.160"	.125"	73	74	
	1284WG	12H84	12GA	84"	.078"	.160"	.125"	85	86	
	1296WG	12H96	12GA	96"	.078"	.160"	.125"	97	98	
	1024WG	10H24	10GA	24"	.109"	.190"	.160"	25	26	
	1036WG	10H36	10GA	36"	.109"	.190"	.160"	37	38	
	1048WG	10H48	10GA	48"	.109"	.250"	.160"	49	50	
	W/HYD	1052	10H52	10GA	52"	.109"	.250"	.160"	53	54
		1060	10H60	10GA	60"	.109"	.250"	.160"	61	62
		1072	10H72	10GA	72"	.109"	.250"	.160"	73	74
		1084	10H84	10GA	84"	.109"	.250"	.160"	85	86
1096		10H96	10GA	96"	.109"	.250"	.160"	97	98	
1010		10H10	10GA	10'	.109"	.250"	.160"	121	122	
10130			10GA	130"	.109"	.250"	.160"	131	134	
1012		10H12	10GA	12'	.109"	.250"	.160"	145	146	
10150			10GA	150"	.109"	.250"	.160"	151	152	
10168			10GA	168"	.109"	.313"	.160"	169	170	
724			3/16"	24"	.141"	.313"	.250"	25	26	
736			3/16"	36"	.141"	.313"	.250"	37	38	
748			3/16"	48"	.141"	.313"	.250"	49	50	
752			3/16"	52"	.141"	.313"	.250"	53	54	
760			3/16"	60"	.141"	.313"	.250"	61	62	
772			3/16"	72"	.141"	.313"	.250"	73	74	
796			3/16"	96"	.141"	.313"	.250"	97	98	
710			3/16"	10'	.141"	.313"	.250"	121	122	
712			3/16"	12'	.141"	.313"	.250"	145	146	
2524			1/4"	24"	.187"	.437"	.375"	25	26	
2536			1/4"	36"	.187"	.437"	.375"	37	38	
2548		25H48	1/4"	48"	.187"	.437"	.375"	49	50	
2552			1/4"	52"	.187"	.437"	.375"	53	54	
2560	25H60	1/4"	60"	.187"	.437"	.375"	61	62		
2572	25H72	1/4"	72"	.187"	.437"	.375"	73	74		
2596	25H96	1/4"	96"	.187"	.437"	.375"	97	98		
2510	25H10	1/4"	10'	.187"	.437"	.375"	121	122		
2512	25H12	1/4"	12'	.187"	.437"	.375"	145	146		
HDW/HYD	648	38H48	3/8"	48"	.250"	.625"	.500"	49	50	
		38H60	3/8"	60"	.250"	.625"	.500"	61	62	
	672	38H72	3/8"	72"	.250"	.625"	.500"	73	74	
	696	38H96	3/8"	96"	.250"	.625"	.500"	97	98	
	610	38H10	3/8"	10'	.250"	.625"	.500"	121	122	
612	38H12	3/8"	12'	.250"	.625"	.500"	145	146		

(b) Greater blade opening (optional) is available (might reduce capacity).

(c) SPM shown are for clutch continually engaged and the shear cycling without cutting. See footnote (d).

(d) SPM are based on motor horsepower specified at 100% efficiency actual SPM are based on material and length of cut contract Famco for actual horsepower and actual SPM.

Strokes Per Minute (c)	Second(s) Per Cycle Time	Slope Per foot of Upper Knife (Inches)	Standard Blade Opening-Low End (Inches) (b)	Height Floor to Bed (Inches)	Without Front or Back Gages	With Front and Back Gages	Height Overall (Inches)	Standard Back Gage Range (Inches)	Front Gage Range (Inches)	Shipping Weight Approx. (lbs).
15	4	3/8"	.250"	30"	24 x 40	74 x 40	42	28	32	700
15	4	3/8"	.250"	30"	27 x 52	74 x 52	42	28	32	1100
15	4	3/8"	.250"	30"	27 x 58	74 x 58	42	28	32	1200
15	4	5/16"	.250"	30"	27 x 68	74 x 68	42	28	32	1500
15	4	5/16"	.250"	30"	27 x 76	74 x 76	42	28	32	1700
15	4	5/16"	.250"	30"	27 x 88	74 x 88	42	28	32	2100
15	4	5/16"	.250"	30"	29 x 96	74 x 96	42	28	32	2600
15	4	5/16"	.250"	30"	29 x 108	74 x 108	42	28	32	3000
190	0.32	3/8"	.250"	30"	29 x 48	74 x 48	42	24	32	800
190	0.32	3/8"	.250"	30"	29 x 60	74 x 60	42	24	32	1200
190	0.32	3/8"	.250"	30"	29 x 66	74 x 66	42	24	32	1400
190	0.32	5/16"	.250"	30"	29 x 76	74 x 76	42	24	32	1700
190	0.32	5/16"	.250"	30"	29 x 84	74 x 84	42	24	32	2000
190	0.32	5/16"	.250"	30"	29 x 96	74 x 96	42	24	32	2400
85/20	.71/3	3/8"	.250"	30"	31 x 56	79 x 56	49	24	32	1100
85/20	.71/3	3/8"	.250"	30"	31 x 68	79 x 68	49	24	32	1700
85/20	.71/3	3/8"	.250"	30"	31 x 74	79 x 74	49	24	32	2000
85/20	.71/3	3/8"	.250"	30"	31 x 84	79 x 84	49	24	32	2400
85/20	.71/3	3/8"	.250"	30"	31 x 92	79 x 92	49	24	32	2800
85/20	.71/3	3/8"	.250"	30"	31 x 104	79 x 104	49	24	32	3400
85/20	.71/3	3/8"	.250"	30"	31 x 118	79 x 118	49	24	32	4000
85/20	.71/3	3/8"	.250"	30"	31 x 128	79 x 128	49	24	32	4500
85/20	.71/3	1/4"	.250"	30"	31 x 56	79 x 56	49	24	32	1100
85/20	.71/3	5/16"	.250"	30"	32 x 69	79 x 69	49	24	32	2100
85/20	.71/3	5/16"	.250"	30"	32 x 75	79 x 75	49	24	32	2400
85/20	.71/3	5/16"	.250"	30"	32 x 85	79 x 85	49	24	32	3000
85/20	.71/3	3/8"	.250"	30"	32 x 93	79 x 93	49	24	32	3500
85/20	.71/3	3/8"	.250"	30"	32 x 105	79 x 105	49	24	32	4200
85/20	.71/3	3/8"	.250"	30"	32 x 117	79 x 117	49	24	32	4800
85/20	.71/3	3/8"	.250"	30"	32 x 129	79 x 129	49	24	32	5500
85/20	.71/3	3/8"	.375"	30"	32 x 57	79 x 57	49	24	32	1300
85/20	.71/3	3/8"	.375"	30"	32 x 69	79 x 69	49	24	32	2300
85/20	.71/3	3/8"	.375"	30"	32 x 81	79 x 81	49	24	32	2900
65/15	.92/4	1/4"	.375"	30"	48 x 80	86 x 80	49	24	46	5600
65/15	.92/4	1/4"	.375"	30"	48 x 88	86 x 88	49	24	46	6500
65/15	.92/4	1/4"	.375"	30"	48 x 110	86 x 110	49	24	46	7800
65/15	.92/4	1/4"	.375"	30"	48 x 122	86 x 122	49	24	46	9200
65/15	.92/4	1/4"	.375"	30"	48 x 134	86 x 134	49	24	46	10500
65/15	.92/4	1/4"	.375"	30"	48 x 158	86 x 158	49	24	46	13000
65	0.92	1/4"	.375"	30"	48 x 168	86 x 168	49	24	46	14200
65/15	.92/4	1/4"	.375"	30"	48 x 182	86 x 182	49	24	46	15600
65	0.92	1/4"	.375"	30"	48 x 188	86 x 188	49	24	46	16400
65	0.92	1/4"	.375"	30"	48 x 206	86 x 206	49	24	46	18300
65	0.92	3/8"	.437"	30"	48 x 62	86 x 62	49	24	46	3000
65	0.92	3/8"	.437"	30"	48 x 74	86 x 74	49	24	46	4200
65	0.92	3/8"	.437"	30"	48 x 86	86 x 86	49	24	46	5500
65	0.92	3/8"	.437"	30"	48 x 90	86 x 90	49	24	46	6000
65	0.92	3/8"	.437"	30"	48 x 98	86 x 98	49	24	46	6900
65	0.92	3/8"	.437"	30"	48 x 110	86 x 110	49	24	46	8300
65	0.92	3/8"	.437"	30"	48 x 134	86 x 134	49	24	46	11400
65	0.92	3/8"	.437"	30"	48 x 158	86 x 158	49	24	46	14200
65	0.92	3/8"	.437"	30"	48 x 182	86 x 182	49	24	46	17100
65	0.92	3/8"	.625"	30"	48 x 62	86 x 62	77	24	46	3000
65	0.92	3/8"	.625"	30"	48 x 74	86 x 74	77	24	46	4400
65/15	.92/4	3/8"	.625"	30"	48 x 86	86 x 86	77	24	46	5800
65	0.92	3/8"	.625"	30"	48 x 90	86 x 90	77	24	46	6300
65/15	.92/4	3/8"	.625"	30"	48 x 98	86 x 98	77	24	46	7200
65/15	.92/4	3/8"	.625"	30"	48 x 110	86 x 110	77	24	46	8700
65/15	.92/4	3/8"	.625"	30"	58 x 135	110 x 135	77	36	48	12100
65/15	.92/4	3/8"	.625"	30"	58 x 159	110 x 159	77	36	48	15200
65/15	.92/4	3/8"	.625"	30"	58 x 183	110 x 183	77	36	48	18200
55/10	1.09/6	3/8"	.750"	32"	70 x 85	110 x 85	84	36	48	14500
10	6	3/8"	.750"	32"	70 x 98	110 x 98	84	36	48	18000
55/10	1.09/6	3/8"	.750"	32"	70 x 109	110 x 109	84	36	48	21700
55/10	1.09/6	3/8"	.750"	32"	70 x 133	110 x 133	84	36	48	28900
55/10	1.09/6	3/8"	.750"	32"	70 x 157	110 x 157	84	36	48	30000
55/10	1.09/6	3/8"	.750"	32"	70 x 181	110 x 181	84	36	48	36000



CORPORATE HISTORY

In 1927, Mr. Herman Noll purchased the then Freeze and Miller Company, forming his new corporation Famco Machine Company. Since then Famco has continued as an American machine tool manufacturer of arbor, air and foot presses as well as power squaring shears.

In 1975, the company was sold to Belco Industries, Inc. and continued in the manufacture of former products under the Famco Machine Division banner.

In 1987, Famco acquired the Gorton Machine Tool products along with the Lars Corporation products and moved same to its newly expanded Kenosha facility. These products include the Gorton pantograph (engraving) line as well as the Lars tool and cutter grinders.

In 1994, William Blasi purchased 100% of the assets of Famco Gorton/Lars.

In 1996, Famco Machine Division, Belco Industries Incorporated acquired the assets of Milwaukee Slide and Spindle Company.

Famco is located on approximately 12 acres in Kenosha, Wisconsin. The current building is 55,000 square feet and is home for corporate offices, engineering, sales, manufacturing and purchasing.

The average length of service of Famco's manufacturing personnel is approximately 16 years.



MILWAUKEE
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