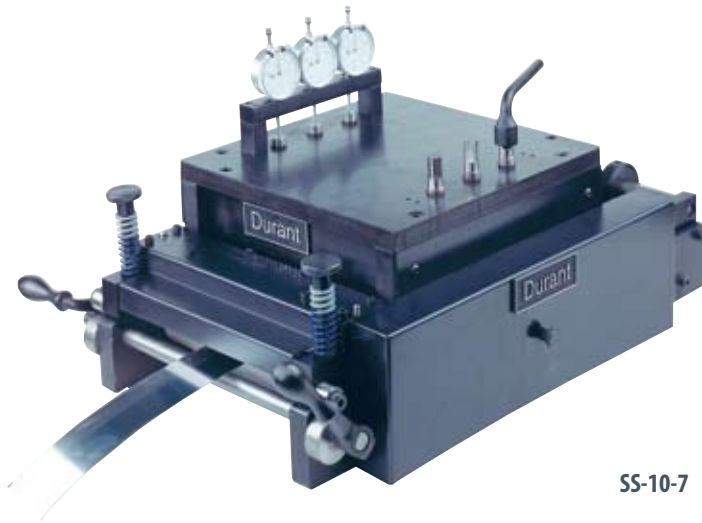


Stock Straighteners: Unmotorized

Productivity Performers...

Everything you need around your press to make it work better, faster, more efficiently.

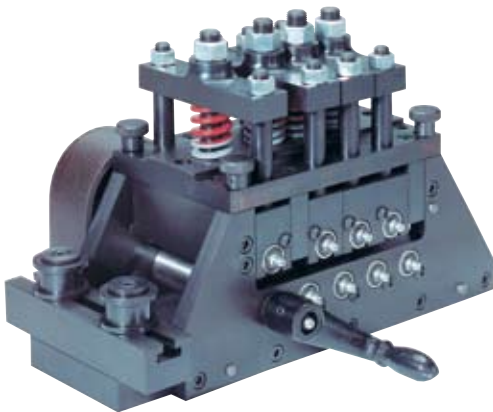


SS-10-7

Model SS & MS Unmotorized

The SS and MS series Unmotorized Stock Straighteners are ideal machines for either manually straightening materials with a hand crank or automatic pull through operations. Twenty-eight models are available with capabilities to 36" in width and .210 in thickness. All machines include (5) or (7) straightening rolls and (2) drive rolls.

SS, MS UNMOTORIZED					
Model	Width	No. Drive Rolls	Straightening Rolls	Roll Diameter	Thickness Range
SS-6-5	6"	2	5	2"	.020-.145"
SS-6-7	6"	2	7	2"	.020-.145"
SS-10-5	10"	2	5	2"	.020-.130"
SS-10-7	10"	2	7	2"	.020-.130"
SS-15-5	15"	2	5	2"	.020-.110"
SS-15-7	15"	2	7	2"	.020-.110"
SS-20-5	20"	2	5	2"	.020-.090"
SS-20-7	20"	2	7	2"	.020-.090"
SS-25-5	25"	2	5	2"	.020-.065"
SS-25-7	25"	2	7	2"	.020-.065"
SS-30-5	30"	2	5	2"	.020-.055"
SS-30-7	30"	2	7	2"	.020-.055"
SS-36-5	36"	2	5	2"	.020-.040"
SS-36-7	36"	2	7	2"	.020-.040"
MS-6-5	6"	2	5	2 3/4"	.025-.210"
MS-6-7	6"	2	7	2 3/4"	.025-.210"
MS-10-5	10"	2	5	2 3/4"	.025-.190"
MS-10-7	10"	2	7	2 3/4"	.025-.190"
MS-15-5	15"	2	5	2 3/4"	.025-.180"
MS-15-7	15"	2	7	2 3/4"	.025-.180"
MS-20-5	20"	2	5	2 3/4"	.025-.160"
MS-20-7	20"	2	7	2 3/4"	.025-.160"
MS-25-5	25"	2	5	2 3/4"	.025-.130"
MS-25-7	25"	2	7	2 3/4"	.025-.130"
MS-30-5	30"	2	5	2 3/4"	.025-.100"
MS-30-7	30"	2	7	2 3/4"	.025-.100"
MS-36-5	36"	2	5	2 3/4"	.025-.080"
MS-36-7	36v	2	7	2 3/4"	.025-.080"



SC-107



SC-107

Model SC Unmotorized

Use these dependable Durant Stock Straighteners manually or as independent machines with automatic feeding equipment. With the variety of standard sizes now available, Durant has you covered for just about any standard application. And to make sure you get extended service, all rolls are hardened and ground. Anti-friction bearings are used throughout.

Special Feature: Open top for ease of cleaning rolls and threading material.

SC UNMOTORIZED					
Model	Width	No. Drive Rolls	Straightening Rolls	Roll Diameter	Thickness Range
SC-10	3 1/8"	2	5	1"	.008-.100
SC-107	3 1/8"	2	7	1"	.008-.100
SC-2	6"	2	5	1"	.008-.100
SC-27	6"	2	7	1"	.008-.100
SC-57	12"	2	7	1 1/4"	.010-.065

Stock Straighteners: Motorized

Model VS-MSC Vari Speed - Open Top

If your application calls for straightening materials up to 12" in width, and from .008" to .100" in thickness, the Durant VS-MSC Series sets the standard for the metal stamping industry. All models include entrance drive rolls, straightening rolls, and variable speed DC drive. These individually adjustable rolls are precision ground and heat treated for long term service. Entrance and exit adjustable guide roller assembly is standard equipment.

VS-MSC VARI SPEED MOTORIZED						
Model	Width	No. Drive Rolls	No. Straight. Rolls	Roll Diameter	Motor	Thickness Range
VS-MSC-10	3 1/8"	2	5	1"	3/4 HP	.008-.100
VS-MSC-107	3 1/8"	2	7	1"	3/4 HP	.008-.100
VS-MSC-2	6"	2	5	1"	3/4 HP	.008-.100
VS-MSC-27	6"	2	7	1"	3/4 HP	.008-.100
VS-MSC-57	12"	2	7	1 1/4"	1 HP	.008-.065

Special Features:
Open top for ease of cleaning rolls and threading materials.



VS-MSC-27

Stock Straighteners: Motorized

Combination Reel / Straighteners DSC/ MSC

When saving floor space is a necessity. The Durant model DSC / MSC is your choice. Three models are available with weight capacities to 1200 lbs. and material widths to 12".

All models have (7) straightening rolls and (2) drive rolls to precisely straighten your material. A quick response variable speed DC Drive and proportional loop control allows for speeds from 0 - 90 FPM.

Durant's unique electronic drives give the user a smooth, accurate, loop of material which prevents coil marking.



DSC-1/MSC-27

COMBINATION REEL / STRAIGHTENER DSC / MSC									
Model	Max. Width	Max. Coil O.D.	Max. Coil Weight	Straightening Capacity	No. Drive Rolls	No. Straight. Rolls	Roll Diameter	Motor	Stn. Speed
DSC-1/MSC27	6"	36"	600 lbs.	.008-.100"	2	7	1"	3/4 H.P. 90 vdc	0-90 FPM
DSC-2/MSC27	6"	48"	1200 lbs.	.008-.100"	2	7	1"	3/4 H.P. 90 vdc	0-90 FPM
DSC-2/MSC57	12"	48"	1200 lbs.	.008-.065"	2	7	1 1/4"	1 H.P. 90 vdc	0-90 FPM

OPTIONS:

- Antenna Loop Control
- No Touch Loop Control

Heavy Duty Straightening Machines

Stock Straighteners: Motorized

Model MD-HD Variable Speed Motorized

Durant's motorized medium and heavy duty stock straighteners have one set of entrance drive rolls, one set of exit drive rolls, and seven straightening rolls for a total of eleven rolls. All entrance, exit, and lower straightening rolls are power driven. Standard equipment on all models are 220/440-60 cycle, 3 phase motorization, vari drive of 0 to 100 FPM (other speeds can be supplied), loop controller, dial indicators, inclined head, cascade rolls, black oxide finish. Solidly welded contemporary cabinets, with one easily removable access panel, allows for your maintenance department to inspect and adjust drive components and chains with ease.

VS Drive Features and Benefits:

- Antenna-Tracker™ loop controller. This self adjusting state of the art control system allows a loop of material to move up and down between the two control antennas providing a smooth and stable running machine. Increasing and decreasing line speeds will automatically increase or decrease the straighteners speed by the simple touch of an antenna!
- State of the Art Regenerative drive controller to insure fast acceleration and immediate stopping capability upon demand. Standard speed range is 0-100 F.P.M.
- Operator friendly controls with Power Start, Stop, Auto/Manual, Forward/ Reverse & Jog push buttons to allow the press operator to easily thread and run the line while insuring optimum safety.

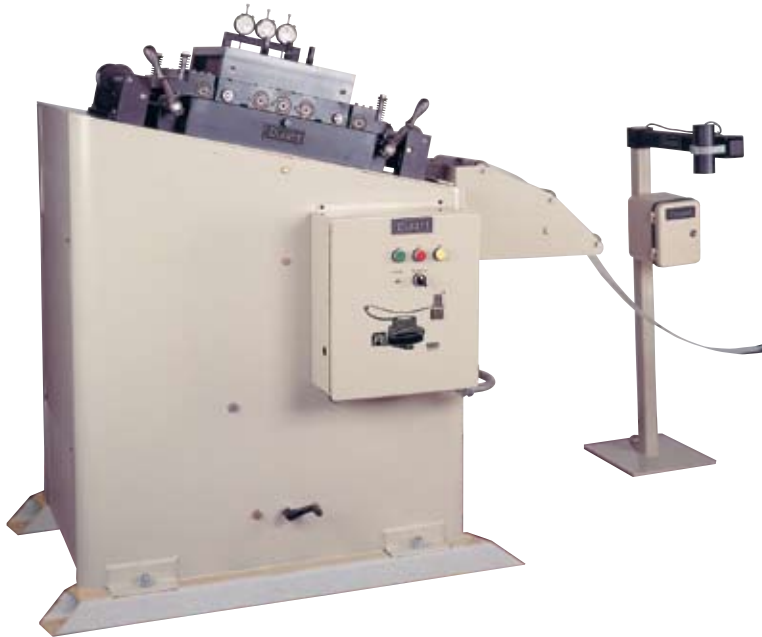
MD VARIABLE SPEED						
Model	Max. Width	Max. Thickness	Min. Thickness	Roll Diameter	Roll Spacing	Motor
VS-MD-6	6"	.145"	.020"	2"	2 1/4"	2 HP
VS-MD-10	10"	.130"	.020"	2"	2 1/4"	2 HP
VS-MD-15	15"	.110"	.020"	2"	2 1/4"	2 HP
VS-MD-20	20"	.090"	.020"	2"	2 1/4"	2 HP
VS-MD-25	25"	.065"	.020"	2"	2 1/4"	2 HP
VS-MD-30	30"	.055"	.020"	2"	2 1/4"	2 HP
VS-MD-36	36"	.040"	.020"	2"	2 1/4"	2 HP
HD VARIABLE SPEED						
Model	Max. Width	Max. Thickness	Min. Thickness	Roll Diameter	Roll Spacing	Motor
VS-HD-6	6"	.210"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-10	10"	.190"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-15	15"	.180"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-20	20"	.160"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-25	25"	.130"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-30	30"	.100"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-36	36"	.080"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-42	42"	.060"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-48	48"	.040"	.025"	2 3/4"	3 1/4"	3 HP

STANDARD SPEED: 0-100 FPM

OPTIONS: • Heavy Duty Portable Feature • Antenna Loop Control • No Touch Loop Control • Automatic Lubrication System

Heavy Duty Straightening Machines

Virtually Every Type of Metal Stamping Accessory to Help your Production Run Better!

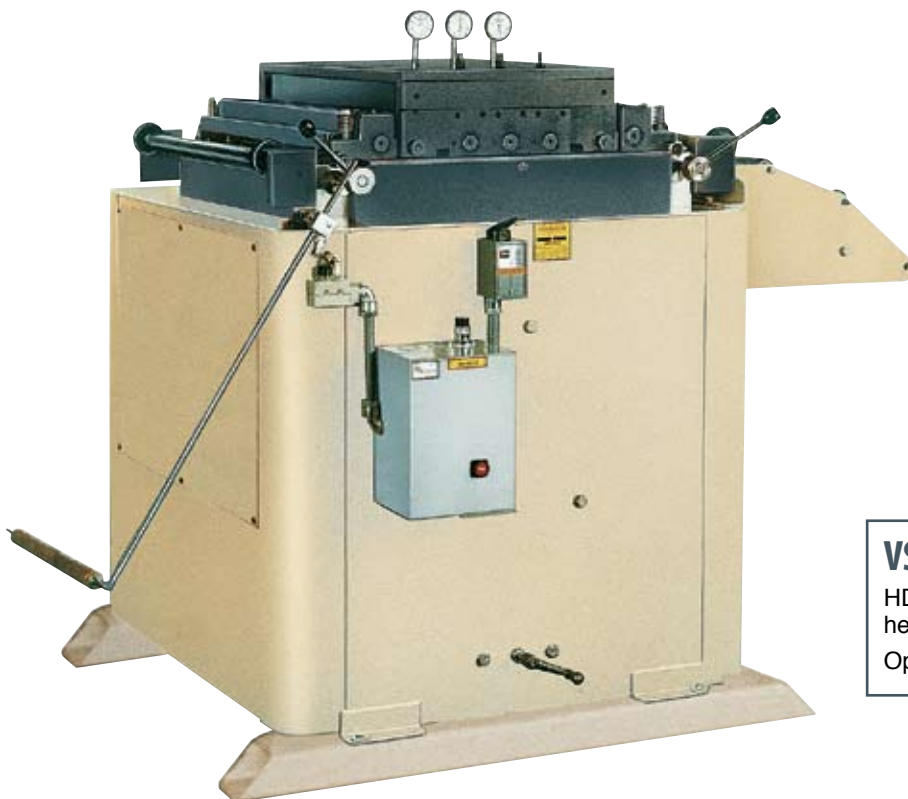


Standard Features:

- Inclined Head
- Antenna Loop Control
- Dial Indicators
- Black Oxide Finish
- Cascade Rolls
- Extra Heavy Duty Cabinet

VS-MD-10

VS-MD-10 DC with antenna control standard Option: Sonic no touch loop control as shown above. Automatic lubrication system.



VS--HD-25

HD-25 without inclined head. Inclined head is standard equipment. Option: Automatic lubrication system.

See Page 41-47 for Heavy Duty Models rated to .250" thick material and 60" wide.

Heavy Duty Straightening Machines

SD Model

Durant's "SD" Series heavy duty variable speed AC powered straighteners are the only solution to keep up with today's high speed press feeders, assuring a smooth running machine to eliminate marking of the material due to frequent starts and stops. All machines have one set of entrance drive rolls, one set of exit drive rolls and seven straightening rolls for a total of eleven rolls.

Standard equipment on all models are 220/440-60 cycle, 3 phase motorization, variable speed of 0-90 FPM (other speeds can be supplied), loop controller, dial indicators, inclined head, cascade rolls, black oxide finish. Solidly welded contemporary cabinets, with one easily removable access panel, allows for your maintenance department to inspect and adjust drive components and chains with ease.

Standard Features:

- Inclined Head
- Antenna Loop Control
- Dial Indicators
- Black Oxide Finish
- Cascade Rolls
- Extra Heavy Duty Cabinet



**Optional
Sonic Loop Control**

Heavy Duty Stock Straighteners

Up to 60" Wide Material!



VS-SD-48

VS-SD VARIABLE SPEED					
Model	Maximum Width	Maximum Thickness	Minimum Thickness	Roll Diameter	Motor HP
VS-SD 12	12"	.250"	.040"	4"	5 HP
VS-SD 18	18"	.210"	.040"	4"	5 HP
VS-SD 24	24"	.180"	.040"	4"	5 HP
VS-SD 30	30"	.160"	.040"	4"	7 1/2 HP
VS-SD 36	36"	.150"	.040"	4"	7 1/2 HP
VS-SD 48	48"	.130"	.040"	4"	7 1/2 HP
VS-SD 60	60"	.115"	.040"	4"	10 HP

VS Antenna Loop Control Standard