

Straightener-Feeders

VRMA Series

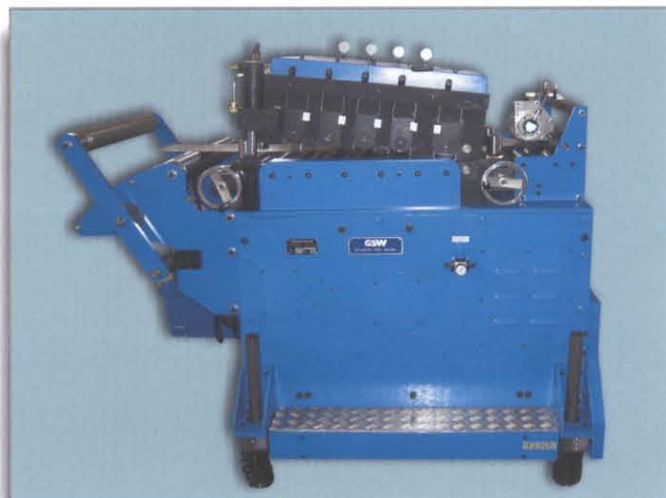
For up to 2,000 mm stock widths

A compact 2:1 machine with the unbeatable alligator head design

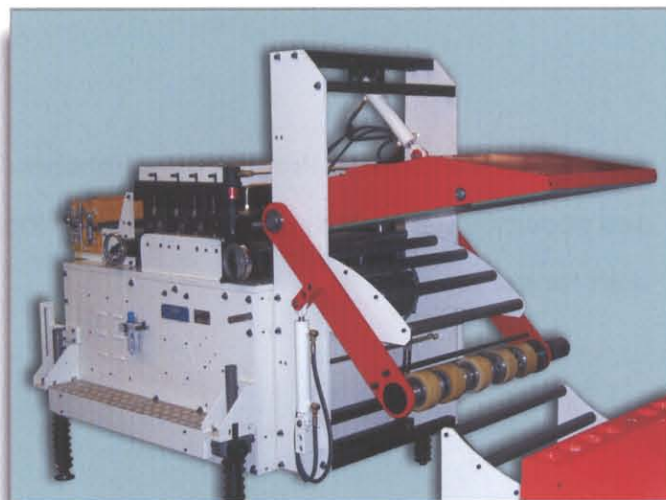
- both straightening and (servo-) feeding performed in one operation
- saves floor space as 2nd loop between stand-alone straightener and servo feed is eliminated
- great feeding accuracy of +/- 0.1 mm
- operator interface provides simple insertion or recall of feeding parameters or memorized programs
- synchronized drive of all bottom work rollers and both feed rollers
- rollers are kept perfectly parallel with adjustments shown on scales or dial gauges
- hardened 63 rockwell rollers with fine-polished surface guarantee longevity
- warp-resistant body in modular design to allow extension with catenary rollers, threading system or loop bridge, etc.

Optional Equipment VRMA Series

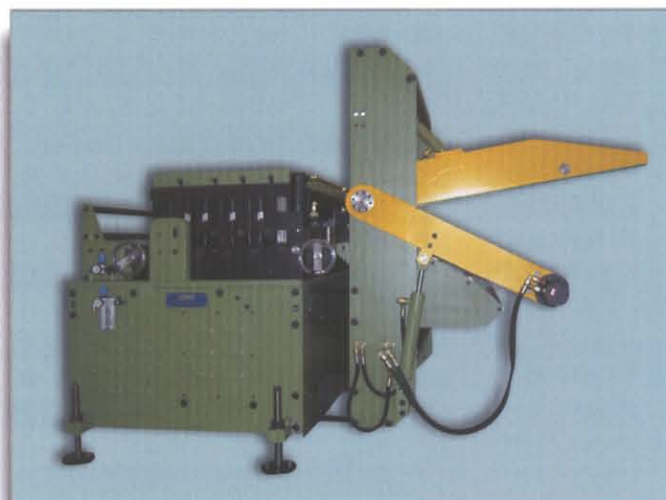
- hard chromed rollers
- polyurethane coated rollers
- hydraulic head opening
- hydraulic full piloting
- hydraulic threading systems in different grades
- dial gauges for roller adjustment display
- motorized adjustment of straightening rolls
- motorized central height adjustment
- central edge guide adjustment via hand-wheel
- all roll drive
- lateral servo drive motion for zigzag feeding applications
- dynamic cam switch
- job-memory for all motorized features... etc.



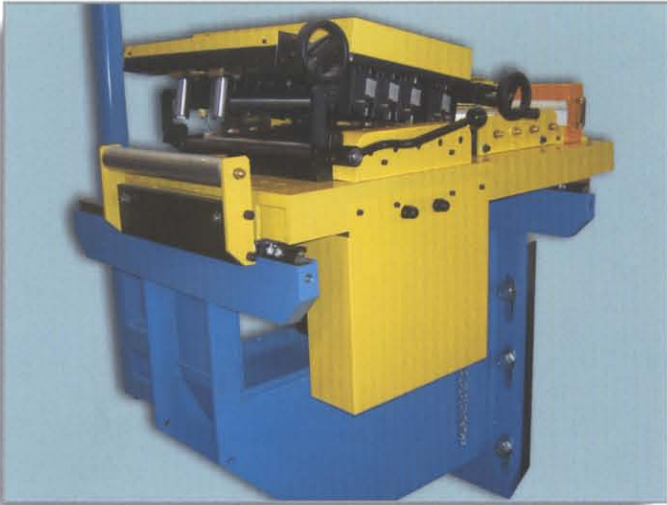
800 mm wide Straightener-Feeder VRMA80/98 with 9 work rollers of 80 mm diameter. With dial gauges, threading aid and motorized height adjustment



800 mm wide VRMA80/78 with back-up for 5 mm stock thickness. With threading system, motorized height adjustment and stock lubricator



1,350 mm wide machine with back-up rollers, threading system, manual height adjustment and central edge guides



Detailed view of opened head with central edge guides and heavy-duty bracket for press-mounting. The zigzag motion allows maximum usage of strip surface through staggered stamping



Straightener-Feeder with zigzag option and lubricator. Lateral motion on servo-driven spindle; body guided on precision linear bearings

Below data sheet introduces our models with 40 mm and 60 mm roller diameter.

The larger sized machines with 80 mm and 100 mm roller diameter follow on the next pages.

Series	Material Width max		Material Thickness *		Cross-Section max *		Roller-Ø **	
	mm	approx. inch	mm	approx. inch	mm ²	approx. inch ²	mm	approx. inch
VRMA 16/ ... 4	160	6.3	0.3 - 3.0	0.012 - 0.118	160 x 2.6	6.3 x 0.102	40	1.57
VRMA 25/ ... 4	250	9.8	0.3 - 2.7	0.012 - 0.106	250 x 2.3	9.8 x 0.091	40	1.57
VRMA 32/ ... 4	320	12.6	0.3 - 2.5	0.012 - 0.098	320 x 2.1	12.6 x 0.083	40	1.57
VRMA 40/ ... 4	400	15.7	0.3 - 2.3	0.012 - 0.091	400 x 1.9	15.7 x 0.075	40	1.57
VRMA 50/ ... 4	500	19.7	0.3 - 2.2	0.012 - 0.087	500 x 1.6	19.7 x 0.063	40	1.57
VRMA 65/ ... 4	650	25.6	0.3 - 2.1	0.012 - 0.083	650 x 1.4	25.6 x 0.055	40	1.57
VRMA 80/ ... 4	800	31.5	0.3 - 1.8	0.012 - 0.071	800 x 1.2	31.5 x 0.047	40	1.57
VRMA 100/ ... 4	1,000	39.4	0.3 - 1.5	0.012 - 0.059	1,000 x 1.0	39.4 x 0.039	40	1.57
VRMA 16/ ... 6	160	6.3	0.4 - 5.0	0.016 - 0.197	160 x 4.0	6.3 x 0.157	60	2.36
VRMA 25/ ... 6	250	9.8	0.4 - 4.8	0.016 - 0.189	250 x 3.5	9.8 x 0.138	60	2.36
VRMA 32/ ... 6	320	12.6	0.4 - 4.5	0.016 - 0.177	320 x 3.5	12.6 x 0.138	60	2.36
VRMA 40/ ... 6	400	15.7	0.4 - 4.0	0.016 - 0.157	400 x 3.0	15.7 x 0.118	60	2.36
VRMA 50/ ... 6	500	19.7	0.4 - 3.5	0.016 - 0.138	500 x 2.6	19.7 x 0.102	60	2.36
VRMA 65/ ... 6	650	25.6	0.4 - 3.2	0.016 - 0.126	650 x 2.4	25.6 x 0.095	60	2.36
VRMA 80/ ... 6	800	31.5	0.4 - 3.0	0.016 - 0.118	800 x 2.0	31.5 x 0.079	60	2.36
VRMA 100/ ... 6	1,000	39.4	0.4 - 2.5	0.016 - 0.098	1,000 x 1.8	39.4 x 0.071	60	2.36
VRMA 125/ ... 6	1,250	49.2	0.4 - 2.0	0.016 - 0.079	1,250 x 1.5	49.2 x 0.059	60	2.36
VRMA 150/ ... 6	1,500	59.0	0.4 - 1.8	0.016 - 0.071	1,500 x 1.5	59.0 x 0.059	60	2.36

Different widths and cross-sections on request * @ 400 N/mm² (58 KSI) yield strength
 ** Number of straightening rollers 5 / 7 / 9 / 11 / ... / 21 upon customer choice