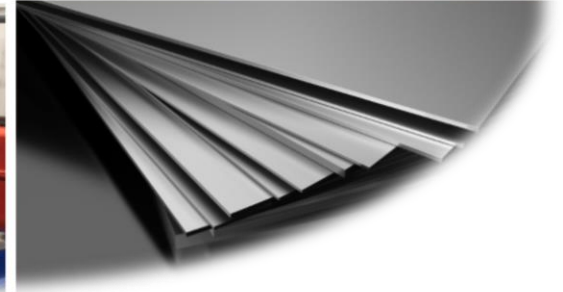



# ZEM MAKINA



**STEEL COIL WORKING LINES&TUBE MILLS**



ERW TUBE MILLS  
SPIRAL STEEL PIPE MILLS  
SLITTING LINES  
CUT TO LENGTH LINES

## ABOUT US

**ZEM Makine** was established with the combination of 20 years of experience in the production of steel coil products and the experience gained in the production of the lines where these are produced.

For many manufacturers and sellers in the sector, only the technical features of the machines & lines are important. ZEM machine, on the other hand, offers its customers feasibility reports with the aforementioned experience, including the calculations that the customer needs and to be used in production, consumable expenses, wastage, total cost and profit to be obtained.



**OUR AIM;** To ensure that our customers can fully determine their needs in the enterprise together with the technical features of the machines & lines and to ensure a sustainable business partnership.



**DEPENDABILITY;** We prepare two different TUV reports for used machines & lines that our customers need. After the first report proving that the technical details, capacity and everything else are suitable, we prepare the second TUV report proving that the same machine & line was loaded before the containers were loaded.



**QUALITY POLICY;** Our customers must provide quality products that meet the standards in their market. For this, there is a need for a machine & line that can produce this. We never offer a machine & line that is problematic, we are not sure about its operation and that cannot produce in accordance with the standards.



**ENVIRONMENT POLICY;** ZEM machine is a company that respects the environment. We never compromise our goal of leaving a livable world to future generations. For this reason, we cover the costs if our customers promise to plant 100 saplings along with the line they will purchase for the trees that can grow in their country and geography.



**INNOVATIVE;** Beneficial innovations will continue to progress as long as life continues on earth. As ZEM machine, we follow the needs in the sector.



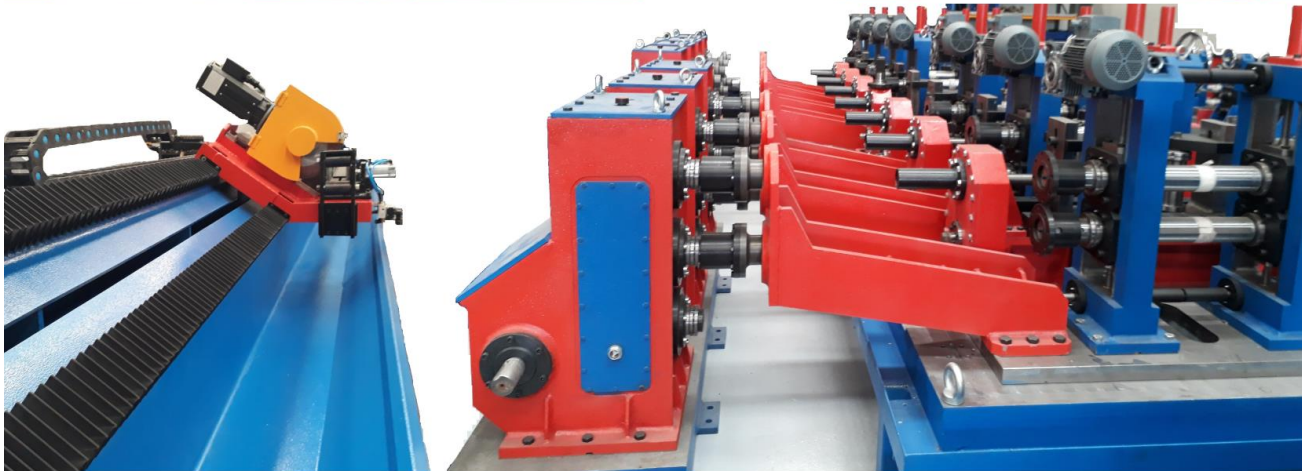
**MISSION;** ZEM Makine aims to support the progress of the sector with its innovative and technological solutions, and to contribute to the increase of international competitiveness without leaving the triangle of " Customer Needs - Quality - Human and nature".



**VISION;** Instead of creating opportunities only from market expectations, accepting continuous change as the main philosophy and reaching new markets, Providing sustainability by offering products and services at national and international quality standards.

Model	Thickness mm	Round Tube Diameter		Square Tube Diameter mm	Rectangular Tube Diameter mm	Line Speed
		mm	Inch			
ZEM 80	0.40 - 1.50	∅ 10 - 25	1/8"-3/4"	10x10 - 20x20	20x10 - 30x10	180 m/min
	0.60 - 2.60	∅ 10 - 25	1/8"-3/4"	10x10 - 20x20	20x10 - 30x10	170 m/min
ZEM 120	0.50 - 1.80	∅ 13 - 38	1/4"-1 ¼"	10x10 - 30x30	20x10 - 40x20	160 m/min
	0.70 - 2.60	∅ 13 - 38	1/4"-1 ¼"	10x10 - 30x30	20x10 - 40x20	150 m/min
	0.80 - 3.20	∅ 13 - 38	1/4"-1 ¼"	10x10 - 30x30	20x10 - 40x20	150 m/min
ZEM 160	0.70 - 2.00	∅ 16 - 51	3/8"-1 ½"	15x15 - 40x40	20x10 - 50x30	150 m/min
	0.80 - 2.60	∅ 19 - 51	3/8"-1 ½"	15x15 - 40x40	20x10 - 50x30	145 m/min
	0.90 - 3.20	∅ 21 - 51	1/2"-1 ½"	16x16 - 40x40	20x15 - 50x30	140 m/min
	1.00 - 4.00	∅ 21 - 51	1/2"-1 ½"	16x16 - 40x40	20x15 - 50x30	130 m/min
ZEM 200	0.70 - 2.00	∅ 16 - 60	3/8"-2"	15x15 - 50x50	20x10 - 60x40	140 m/min
	0.80 - 2.60	∅ 19 - 60	3/8"-2"	15x15 - 50x50	20x10 - 60x40	135 m/min
	0.90 - 3.20	∅ 21 - 60	1/2"-2"	20x20 - 50x50	20x15 - 60x40	130 m/min
	1.00 - 4.00	∅ 21 - 60	1/2"-2"	20x20 - 50x50	20x15 - 60x40	120 m/min
ZEM 240	0.80 - 2.50	∅ 21 - 76	1/2"-2 ½"	20x20 - 60x60	25x15 - 80x40	140 m/min
	0.90 - 3.50	∅ 21 - 76	1/2"-2 ½"	20x20 - 60x60	25x15 - 80x40	130 m/min
	1.00 - 4.50	∅ 26 - 76	3/4"-2 ½"	20x20 - 60x60	25x15 - 80x40	120 m/min
ZEM 280	0.80 - 3.20	∅ 21 - 89	1/2"-3"	20x20 - 70x70	30x20 - 100x40	125 m/min
	1.00 - 4.50	∅ 26 - 89	3/4"-3"	20x20 - 70x70	30x20 - 100x40	120 m/min
	1.50 - 6.00	∅ 32 - 89	1"-3"	25x25 - 70x70	30x20 - 100x40	110 m/min
ZEM 360	0.90 - 3.50	∅ 34 - 114	1"-4"	25x25 - 90x90	30x20 - 120x60	110 m/min
	1.00 - 4.50	∅ 34 - 114	1"-4"	25x25 - 90x90	30x20 - 120x60	105 m/min
	1.50 - 6.40	∅ 34 - 114	1"-4"	25x25 - 90x90	30x20 - 120x60	100 m/min
ZEM 400	1.00 - 4.50	∅ 49 - 127	1½"-4 ½"	40x40 - 100x100	50x30 - 150x50	100 m/min
	1.20 - 5.50	∅ 49 - 127	1½"-4 ½"	40x40 - 100x100	50x30 - 150x50	95 m/min
	1.50 - 6.40	∅ 49 - 127	1½"-4 ½"	40x40 - 100x100	50x30 - 150x50	90 m/min
ZEM 450	1.00 - 4.50	∅ 60 - 141	2" - 5"	50x50 - 110x110	60x40 - 120x100	90 m/min
	1.20 - 5.50	∅ 60 - 141	2" - 5"	50x50 - 110x110	60x40 - 120x100	85 m/min
	1.50 - 6.40	∅ 60 - 141	2" - 5"	50x50 - 110x110	60x40 - 120x100	80 m/min
ZEM 550	0.70 - 2.00	∅ 60 - 168	2" - 6"	50x50 - 130x130	60x40 - 140x120	80 m/min
	1.20 - 5.00	∅ 60 - 168	2" - 6"	60x60 - 130x130	60x40 - 140x120	70 m/min
	1.50 - 6.40	∅ 76 - 168	2 ½" - 6"	60x60 - 130x130	80x40 - 140x120	60 m/min
	2.00 - 8.20	∅ 76 - 168	2 ½" - 6"	60x60 - 130x130	80x40 - 140x120	60 m/min
ZEM 680	1.50 - 6.40	∅ 76 - 219	2 ½" - 8"	60x60 - 150x150	80x40 - 200x100	50 m/min
	2.00 - 8.20	∅ 89 - 219	3" - 8"	75x75 - 150x150	100x50 - 200x100	40 m/min
	2.50 - 10.00	∅ 89 - 219	3" - 8"	75x75 - 150x150	100x50 - 200x100	35 m/min
	4.00 - 12,70	∅ 89 - 219	3" - 8"	75x75 - 150x150	100x50 - 200x100	30 m/min

Model	Thickness mm	Round Tube Diameter		Square Tube Diameter mm	Rectangular Tube Diameter mm	Line Speed
		mm	Inch			
ZEM 860	2.00 - 6.40	∅ 101-273	3 ½"-10"	80x80 - 200x200	100x60 - 250x150	40 m/min
	2.50 - 8.20	∅ 114-273	4"-10"	90x90 - 200x200	120x60 - 250x150	35 m/min
	3.00 -10.00	∅ 114-273	4"-10"	90x90 - 200x200	120x60 - 250x150	30 m/min
	4.00 - 12.70	∅ 114-273	4"-10"	90x90 - 200x200	120x60 - 250x150	25 m/min
ZEM 1000	3.00 - 10.00	∅ 127-323	4 ½"-12"	100x100 - 250x250	120x80 - 300x200	20 m/min
	4.00 - 12.70	∅ 127-323	4 ½"-12"	100x100 - 250x250	120x80 - 300x200	15 m/min



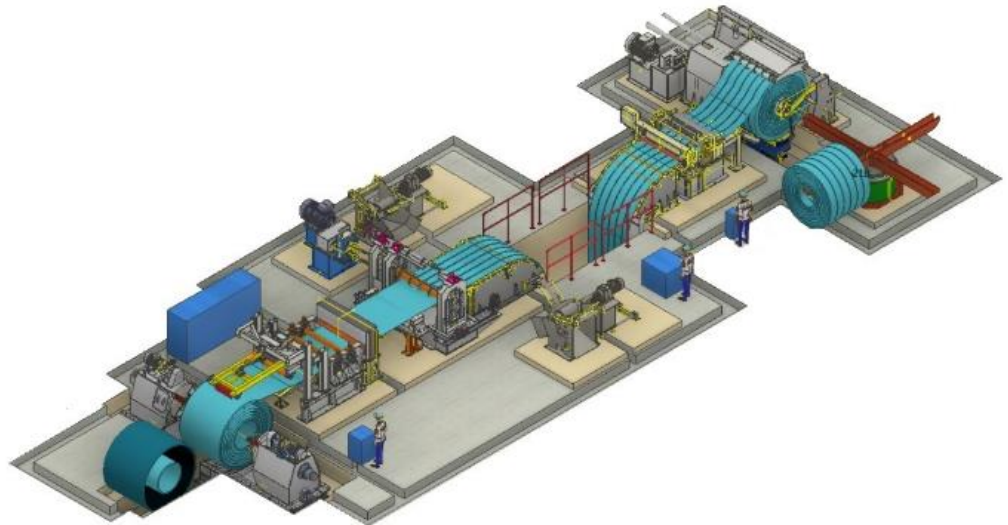
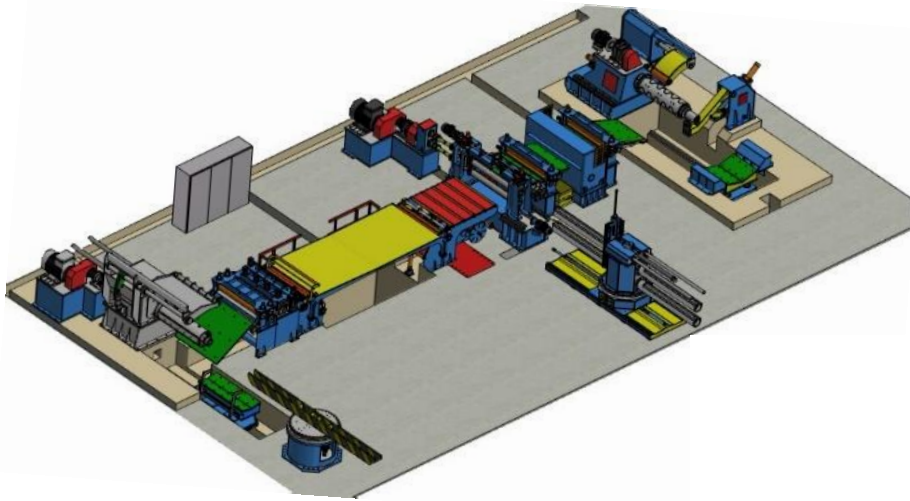
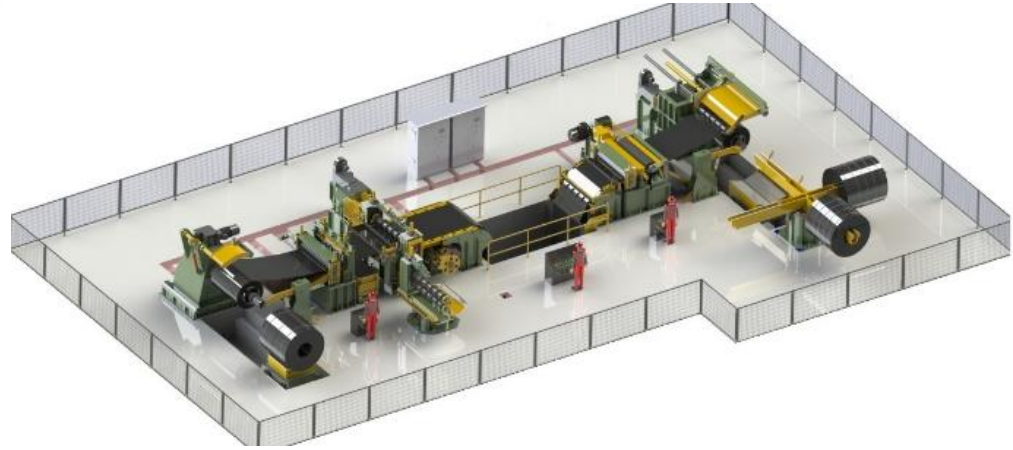
Model	Thickness mm	Coil Width mm	Coil Weight Tons	Line Speed
ZEM 500	0.30 - 1.50	500	5 – 10 – 15 tons	250 m/min
	0.30 - 2.00	500	5 – 10 – 15 tons	250 m/min
	0.40 - 3.00	500	5 – 10 – 15 tons	225 m/min
	0.50 - 4.00	500	5 – 10 – 15 tons	200 m/min
	0.80 - 6.00	500	5 – 10 – 15 tons	175 m/min
	1.50 - 8.00	500	5 – 10 – 15 tons	150 m/min
	2.50 - 10.00	500	5 – 10 – 15 tons	100 m/min
ZEM 750	0.30 - 1.50	750	5 – 10 – 15 tons	250 m/min
	0.30 - 2.00	750	5 – 10 – 15 tons	250 m/min
	0.40 - 3.00	750	5 – 10 – 15 tons	225 m/min
	0.50 - 4.00	750	5 – 10 – 15 tons	200 m/min
	0.80 - 6.00	750	5 – 10 – 15 tons	175 m/min
	1.50 - 8.00	750	5 – 10 – 15 tons	150 m/min
	2.50 - 10.00	750	5 – 10 – 15 tons	100 m/min
ZEM 1000	0.30 - 1.50	1000	5 – 10 – 15 - 20 tons	250 m/min
	0.30 - 2.00	1000	5 – 10 – 15 - 20 tons	250 m/min
	0.40 - 3.00	1000	5 – 10 – 15 - 20 tons	225 m/min
	0.50 - 4.00	1000	5 – 10 – 15 - 20 tons	200 m/min
	0.80 - 6.00	1000	5 – 10 – 15 - 20 tons	175 m/min
	1.50 - 8.00	1000	5 – 10 – 15 - 20 tons	150 m/min
	2.50 - 10.00	1000	5 – 10 – 15 - 20 tons	100 m/min
ZEM 1300	0.30 - 1.50	1300	5 – 10 – 15 - 20 – 25 tons	250 m/min
	0.30 - 2.00	1300	5 – 10 – 15 - 20 – 25 tons	250 m/min
	0.40 - 3.00	1300	5 – 10 – 15 - 20 – 25 tons	225 m/min
	0.50 - 4.00	1300	5 – 10 – 15 - 20 – 25 tons	200 m/min
	0.80 - 6.00	1300	5 – 10 – 15 - 20 – 25 tons	175 m/min
	1.50 - 8.00	1300	5 – 10 – 15 - 20 – 25 tons	150 m/min
	2.50 - 10.00	1300	5 – 10 – 15 - 20 – 25 tons	100 m/min
ZEM 1600	0.30 - 1.50	1600	15 - 20 – 25 – 30 tons	250 m/min
	0.30 - 2.00	1600	15 - 20 – 25 – 30 tons	250 m/min
	0.40 - 3.00	1600	15 - 20 – 25 – 30 tons	225 m/min
	0.50 - 4.00	1600	15 - 20 – 25 – 30 tons	200 m/min
	0.80 - 6.00	1600	15 - 20 – 25 – 30 tons	175 m/min
	1.50 - 8.00	1600	15 - 20 – 25 – 30 tons	150 m/min
	2.50 - 10.00	1600	15 - 20 – 25 – 30 tons	100 m/min
	3.00 – 12.00	1600	15 - 20 – 25 – 30 tons	90 m/min

Model	Thickness mm	Coil Width mm	Coil Weight Tons	Line Speed
ZEM 1800	0.30 - 1.50	1800	15 - 20 -25 - 30 tons	250 m/min
	0.30 - 2.00	1800	15 - 20 -25 - 30 tons	250 m/min
	0.40 - 3.00	1800	15 - 20 -25 - 30 tons	225 m/min
	0.50 - 4.00	1800	15 - 20 -25 - 30 tons	200 m/min
	0.80 - 6.00	1800	15 - 20 -25 - 30 tons	175 m/min
	1.50 - 8.00	1800	15 - 20 -25 - 30 tons	150 m/min
	2.50 - 10.00	1800	15 - 20 -25 - 30 tons	100 m/min
	3.00 - 12.00	1800	15 - 20 -25 - 30 tons	90 m/min
ZEM 2000	0.30 - 1.50	2000	15 - 20 -25 - 30 tons	250 m/min
	0.30 - 2.00	2000	15 - 20 -25 - 30 tons	250 m/min
	0.40 - 3.00	2000	15 - 20 -25 - 30 tons	225 m/min
	0.50 - 4.00	2000	15 - 20 -25 - 30 tons	200 m/min
	0.80 - 6.00	2000	15 - 20 -25 - 30 tons	175 m/min
	1.50 - 8.00	2000	15 - 20 -25 - 30 tons	150 m/min
	2.50 - 10.00	2000	15 - 20 -25 - 30 tons	100 m/min
		3.00 - 12.00	2000	15 - 20 -25 - 30 tons








Model	Thickness mm	Coil Width mm	Coil Weight Tons	Working Type	Line Speed
ZEM 1300	0.30 - 1.50	1300	5 – 10 – 15 - 20 tons	Loop	50 m / min
	0.40 - 2.00	1300	5 – 10 – 15 - 20 tons	Loop	50 m / min
	0.50 - 2.50	1300	5 – 10 – 15 - 20 tons	Loop	50 m / min
	0.60 - 3.0	1300	5 – 10 – 15 - 20 tons	Loop	50 m / min
	1.20 - 4.00	1300	5 – 10 – 15 - 20 tons	Loop/Without Loop	40 m / min
	1.50 - 6.00	1300	5 – 10 – 15 - 20 tons	Without Loop	40 m / min
	2.00 - 8.00	1300	5 – 10 – 15 - 20 tons	Without Loop	35 m / min
	2.50 - 10.00	1300	5 – 10 – 15 - 20 tons	Without Loop	30 m / min
	3.00 - 12.00	1300	5 – 10 – 15 - 20 tons	Without Loop	25 m / min
ZEM 1600	0.30 - 1.50	1600	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.40 - 2.00	1600	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.50 - 2.50	1600	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.60 - 3.0	1600	15 – 20 – 25 – 30 tons	Loop	50 m / min
	1.20 - 4.00	1600	15 – 20 – 25 – 30 tons	Loop/Without Loop	40 m / min
	1.50 - 6.00	1600	15 – 20 – 25 – 30 tons	Without Loop	40 m / min
	2.00 - 8.00	1600	15 – 20 – 25 – 30 tons	Without Loop	35 m / min
	2.50 - 10.00	1600	15 – 20 – 25 – 30 tons	Without Loop	30 m / min
	3.00 - 12.00	1600	15 – 20 – 25 – 30 tons	Without Loop	25 m / min
		4.00 – 16.00	1600	15 – 20 – 25 – 30 tons	Without Loop
ZEM 1800	0.30 - 1.50	1800	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.40 - 2.00	1800	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.50 - 2.50	1800	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.60 - 3.0	1800	15 – 20 – 25 – 30 tons	Loop	50 m / min
	1.20 - 4.00	1800	15 – 20 – 25 – 30 tons	Loop/Without Loop	40 m / min
	1.50 - 6.00	1800	15 – 20 – 25 – 30 tons	Without Loop	40 m / min
	2.00 - 8.00	1800	15 – 20 – 25 – 30 tons	Without Loop	35 m / min
	2.50 - 10.00	1800	15 – 20 – 25 – 30 tons	Without Loop	30 m / min
	3.00 - 12.00	1800	15 – 20 – 25 – 30 tons	Without Loop	25 m / min
		4.00 – 16.00	1800	15 – 20 – 25 – 30 tons	Without Loop
ZEM 2000	0.30 - 1.50	2000	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.40 - 2.00	2000	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.50 - 2.50	2000	15 – 20 – 25 – 30 tons	Loop	50 m / min
	0.60 - 3.0	2000	15 – 20 – 25 – 30 tons	Loop	50 m / min
	1.20 - 4.00	2000	15 – 20 – 25 – 30 tons	Loop/Without Loop	40 m / min
	1.50 - 6.00	2000	15 – 20 – 25 – 30 tons	Without Loop	40 m / min
	2.00 - 8.00	2000	15 – 20 – 25 – 30 tons	Without Loop	35 m / min
	2.50 - 10.00	2000	15 – 20 – 25 – 30 tons	Without Loop	30 m / min
	3.00 - 12.00	2000	15 – 20 – 25 – 30 tons	Without Loop	25 m / min
		4.00 – 16.00	2000	15 – 20 – 25 – 30 tons	Without Loop



ZEM MAKİNA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

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