

DEWAN

DEWAN ENGINEERING WORKS

Project For Scaffolding Machines



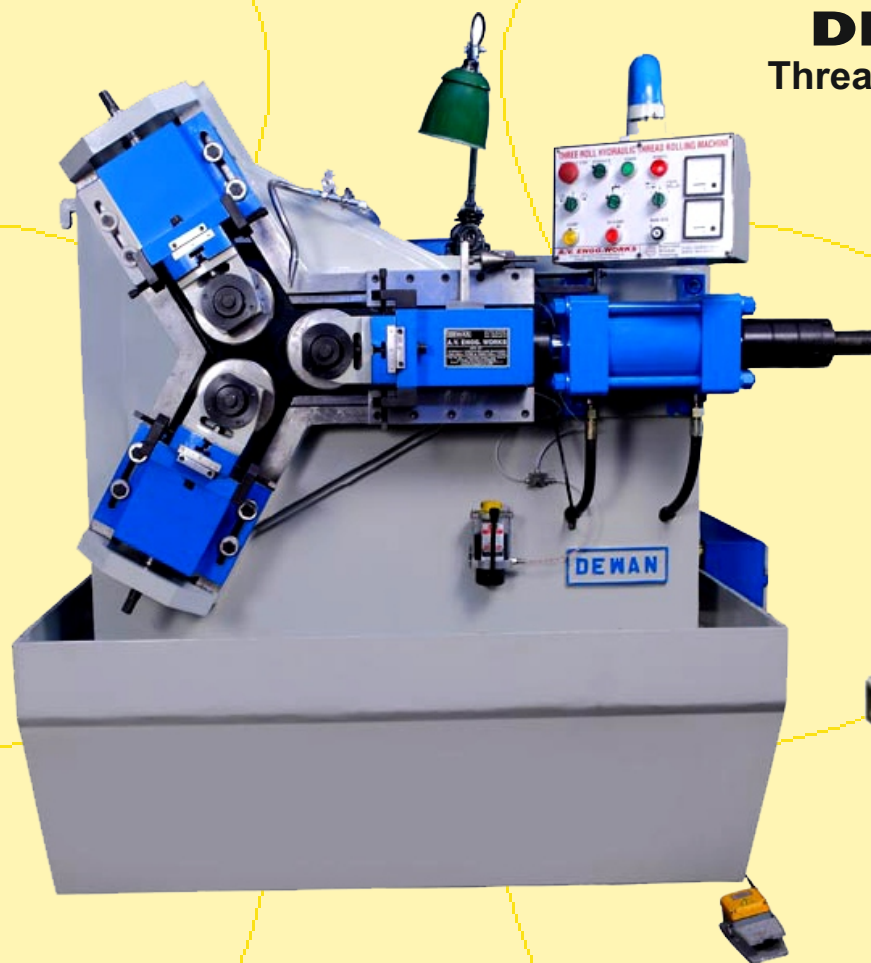
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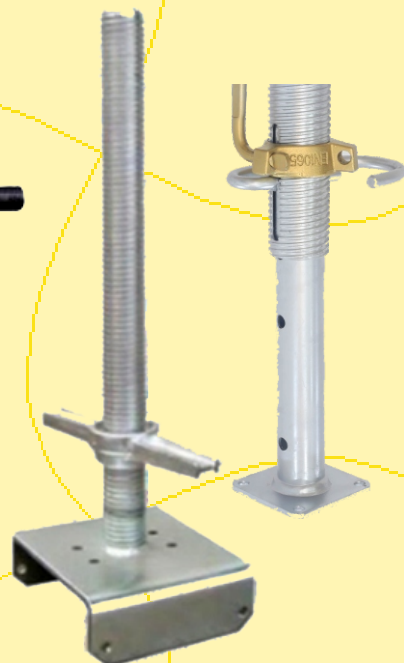
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DEW-75 TR
Thread Rolling Machine
3 Roll



Rolling Pressure	Adjustable 20 Ton
Pipe (Tube) Outside Diameter Range	Ø 26 To 65mm
Rank Of Pitch Rolles	2-8P/ 12-3 TPI
Maximum Thru- Feed Thread Length	Unlimited (free extension thread length)
Die Spindle Diameter (3 piece roller spindle)	54mm
Max. Outside Diameter	170mm
Max. Rolling Dies width	100mm Max.
Die Spindle Main Drive Motor	3 HP
Hydraulic Motor	7.5 HP
Coolant System	1/4 HP
Machine net weight (approx)	3200 Kg

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DEW-80
Thread Rolling Machine
2 Roll

Capacity	80mm
Rolling Pressure	Adjustable 40 Ton
Diameter Range of Thread Rolled	Ø10 To 52mm
Rank Of Pitch Rolles	1.5P To 5.5P

Motor

Spindle Motor	10 HP
Hydraulic Motor	5 HP
Coolant Pump	1/4 HP, Capacity

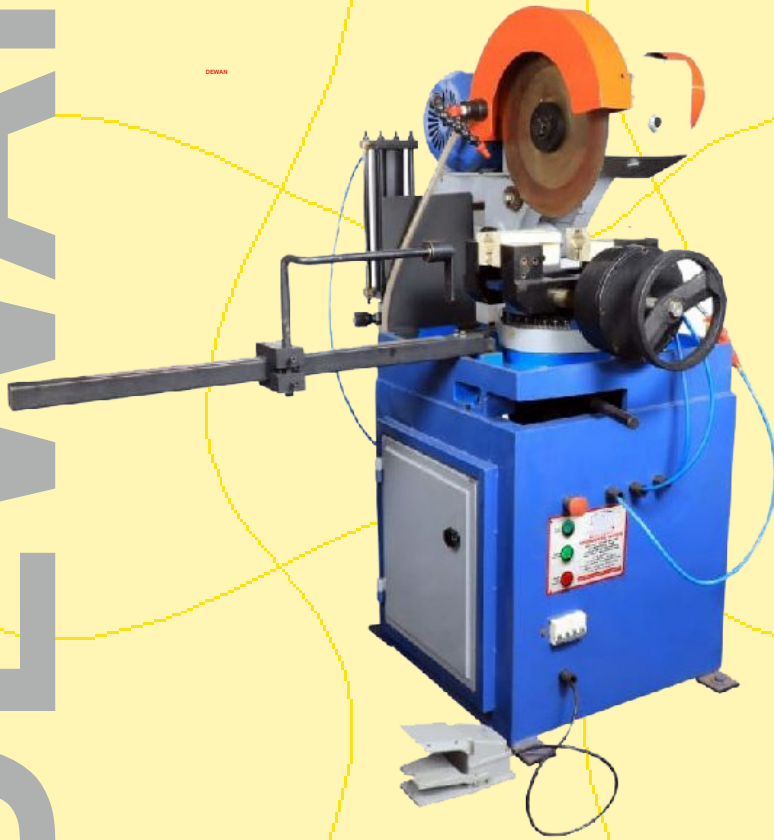
Dies

Outer Diameter Thread Roll	225mm Max.
Maximum Face Width	150mm
Spindle Size	69.85mm & 80mm
Spindle Speeds	25 rpm

Floor Dimension

Width	60"
Length	75"
Height	42"
Machine Weight	3100 Kg

PIPE CUTTING MACHINE



MAIN MOTER	3hp{1.5k/w}
HYDRAULIC MOTER	2hp{1.5k/w}
SAW ANGLE	90 degree
COOLENT MOTER	1/2hp{.11k/w}
ROUND PIPE	80mm
OUT PUT RPM	40 to 80 RPM
SQUARE PIPE	70mm
TOTAL WEIGHT	550 Kg.
ROUND BAR (MS)	40mm
SQUARE BAR (MS)	40mm.
POWER	4.11{k/w}.

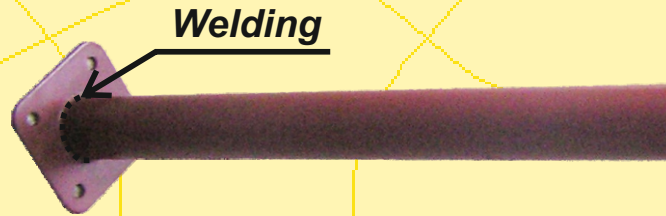
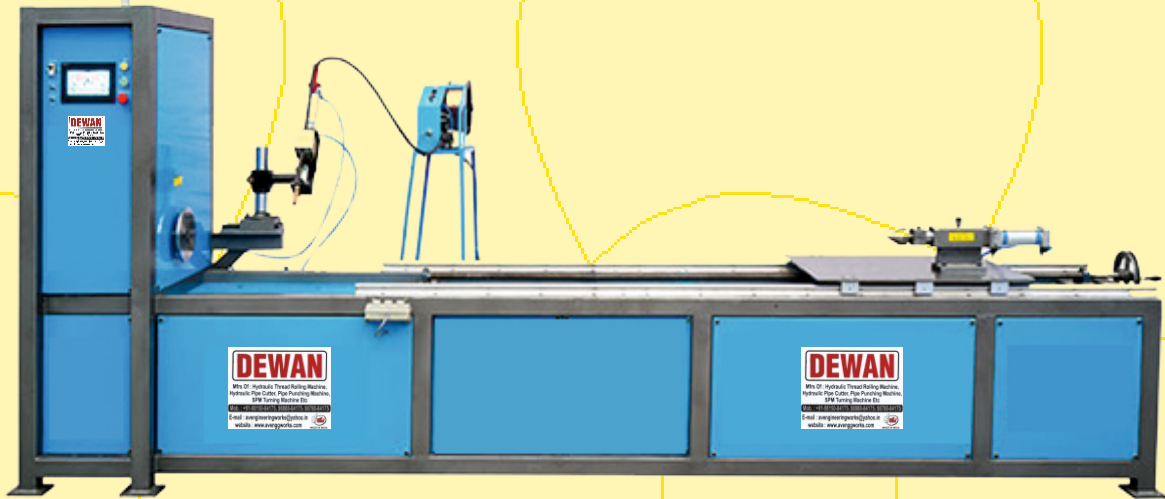
BLADE SHARPING MACHINE



Specifications	3hp{1.5k/w}
Grinding Rang	2hp{1.5k/w}
Tooth Pitch	90 degree
Saw Blade Thickness	1/2hp{.11k/w}
Grinding Speed	80mm
Power	1HP/75K/W
Weight	225 Kg

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BASE JACK & INNER PROP WELDING M/C



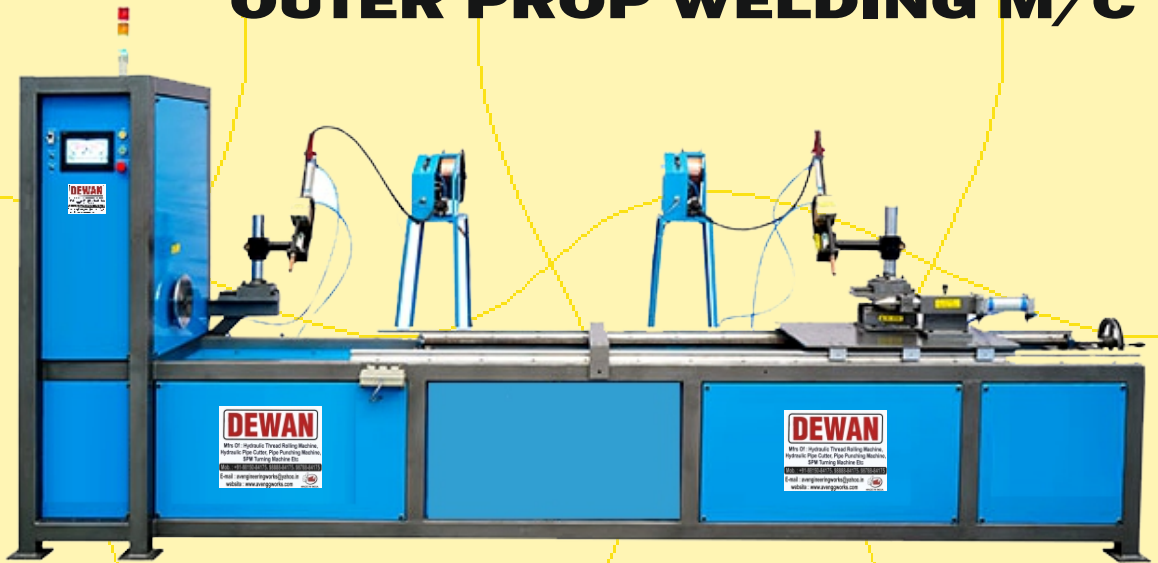
Drive	A.C. Motor with V.F.D
R.P.M.	2 to 12
Motor	0.5 H.P., 1440 R.P.M.
Operation	Automatic
Air Pressure Required	4 to 5 Bar
Length Adjustment	300 to 2800mm
Power	3 Phase, 415 Volts $\pm 5\%$
Mig Welding Power	9 KVA Max..
Frequency	50/60 H.Z.
Operating Voltage	24 Volts
Control	PLC With (Normal Control OR Digital Touch Screen)
Production	400-450 Approx.
Dimensions	14(L) x 2.8(W) x 6(H) Feet Approx
Weight	900 Kgs.(Approx.)

PUNCHING MACHINE



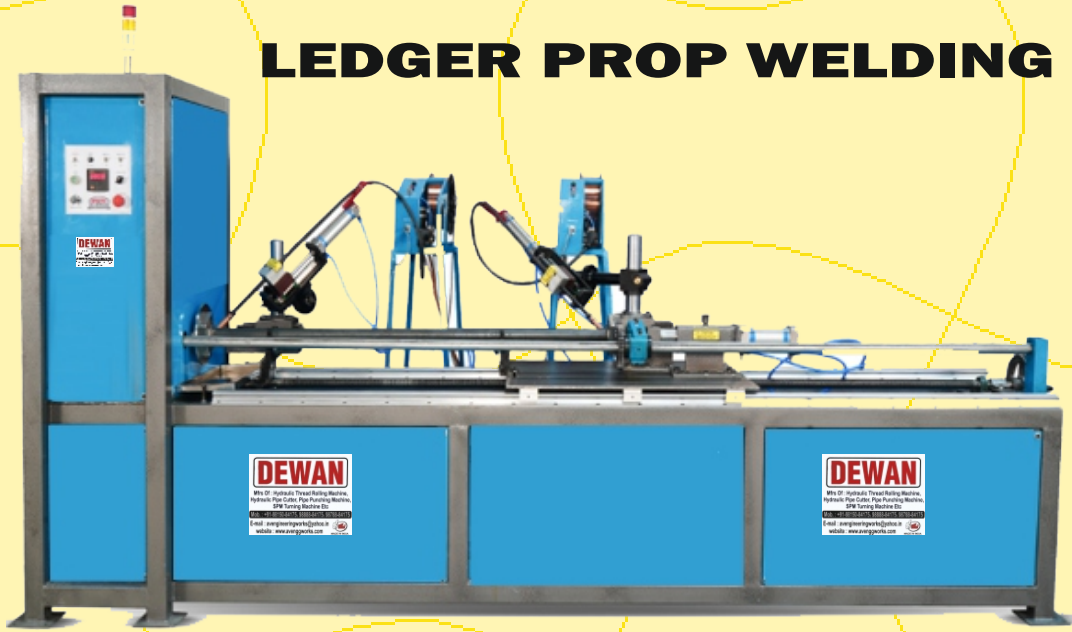
Hydraulic Motor	10 HP
Servo Motor	14 Nm
Production	2 Pc (40 Sec / Minutes)
Hydraulic Oil Required	250 Liter 68 No.
Air Requirements	7.9 Bar Regular
Dies	D2 material
Electrical	PLC Controlled + HMI Digital Touch
PCD	As Per Requirement
Program Saving facility	Yes upto 50

OUTER PROP WELDING M/C



Drive	A.C. Motor with V.F.D
R.P.M.	2 to 12
Motor	0.5 H.P., 1440 R.P.M.
Operation	Automatic
Air Pressure Required	4 to 5 Bar
Length Adjustment	500 to 3000mm
Power	3 Phase, 415 Volts $\pm 5\%$
Required Mig Welding	$9 \times 2 = 18$ K.V.A. Max.
Frequency	50/60 H.Z.
Operating Voltage	24 Volts
Control	PLC With (Normal Control OR Digital Touch Screen)
Production	400-450 Approx.
Dimensions	14(L) x 2.8(W) x 5.3(H) Feet Approx
Weight	800 Kgs.(Approx.)

LEDGER PROP WELDING M/C

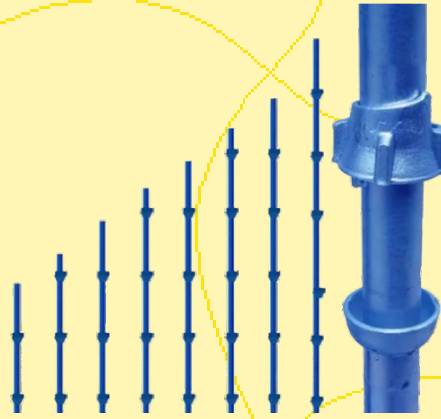
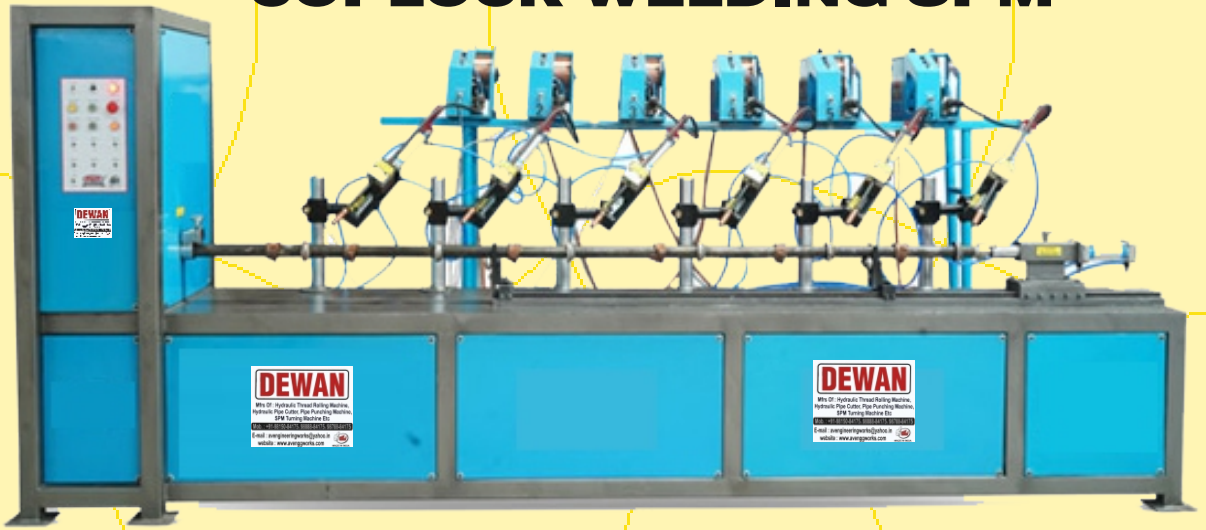


Ledger Plate



Drive	A.C. Motor with V.F.D
R.P.M.	2 to 12
Motor	0.5 H.P., 1440 R.P.M.
Operation	Pnumatic
Air Pressure Required	4 to 5 Bar
Length Adjustment	500 to 2400mm
Required Mig Welding	9x2 = 18 K.V.A. Max.
Frequency	50/60 H.Z.
Operating Voltage	24 Volts
Control	PLC With (Normal Control OR Digital Touch Screen)
Production	400-450 Approx.
Dimensions	1305(L) x 2.8(W) x 6(H) Feet Approx
Weight	1100 Kgs.(Approx.)

COPLOCK WELDING SPM



Drive	A.C. Motor with V.F.D
R.P.M.	2 to 12
Motor	0.5 H.P., 1440 R.P.M.
Operation	Pnumatic
Air Pressure Required	4 to 5 Bar
Length Adjustment	500 to 2400mm
Power	3 Phase, 415 Volts $\pm 5\%$
Required Mig Welding	9 \times 3 = 27 K.V.A. Max.
Frequency	50/60 H.Z.
Operating Voltage	24 Volts
Control	PLC With (Normal Control OR Digital Touch Screen)
Production	400-450 Approx.
Dimensions	1305(L) x 2.8(W) x 6(H) Feet Approx
Weight	1100 Kgs.(Approx.)

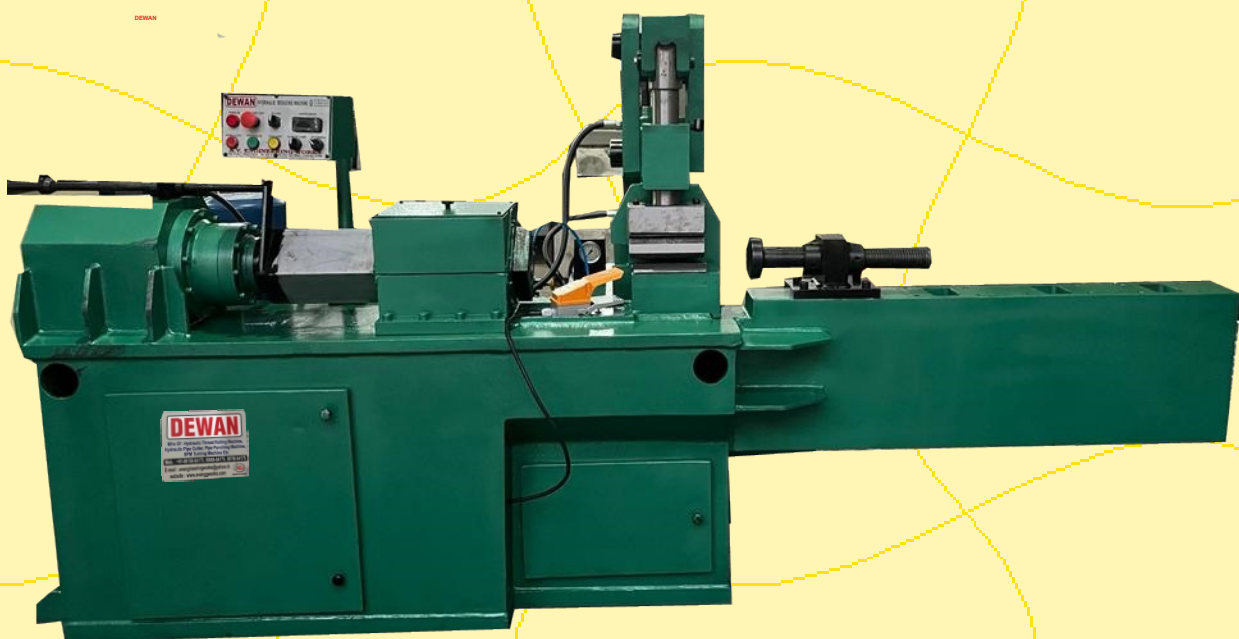
PIPE STRAIGHTENING MACHINE



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A.V ENGINEERING WORKS
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CAPACITY	25 to 70mm
HYDRAULIC STOCK	100MM
POWER	3 HP
LENGTH ADJUSTMENT	6 Meter
PIPE THICKNESS	6mm

ROD REDUSING MACHINE



CAPACITY	8-22	10-32
REDUSING STOCK	6"	8"
POWER	5 HP	7.5 HP
LENGTH ADJUSTMENT	1 Meter	1.5 Meter
REDUSING STANDARD	2mm	3mm
CLAMPING	HYDRAULIC	HYDRAULIC
PANNEL	PLC.	PLC.
VOLTAGE	220 Volt	220 Volt