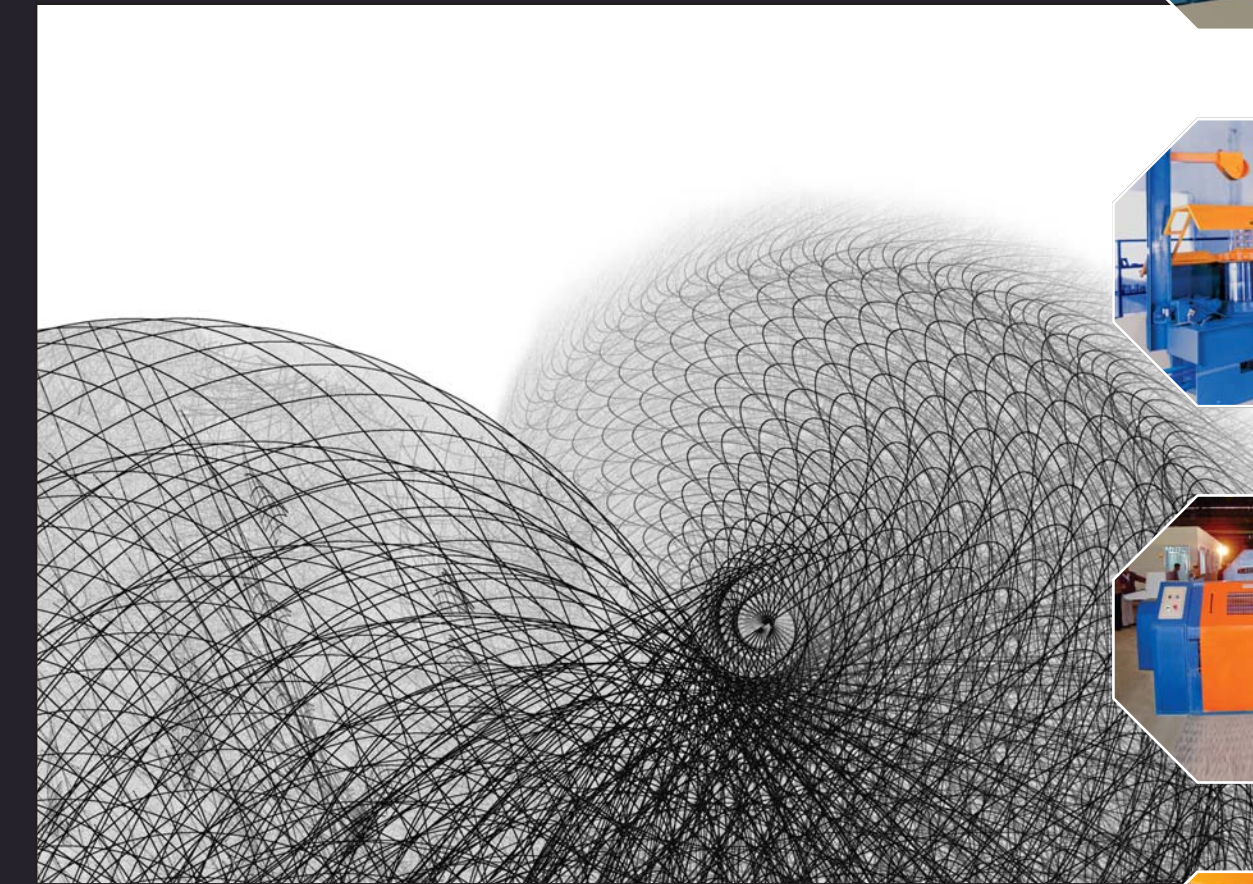


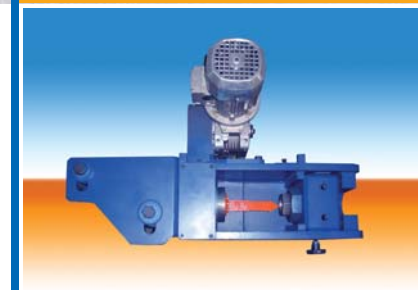
STRAIGHT LINE
tuner roller



Wire drawing machinery from the Leader...



Die Box with Soap Stirrer



Timer controlled rotation. Avoids operators intervention

Pneumatic Dancer



Sensitive wire accumulation System

Three arm Pay-off



To facilitate non-stop operation

Rotodie Horizontal coiler.



For collection of finished wires in the form of coils

Control Panel



AC inverter driven system. Proven inhouse programming

Remote I/O station



minimizing cabling from Machine to Main Panel

TECHNICAL DATA - WIRE DRAWING MACHINE

Model- ECM	200/250	350	450	550	600/650	750	900	1200
High Carbon Inlet wire size- mm	2.2	3	3.5	5.5	6.5	8	14	16
Low Carbon Inlet wire size- mm	2.5	3.5	4.5	6.5	8	10	-	-
Speed- M/sec	30	30	30	25	20	12	10	7.5

SPOOLING MACHINE

Spool Size - mm	250	315	400	500	630	765	800	1000	1120	1250
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TECHNICAL DATA - WET WIRE DRAWING MACHINE (for Max Inlet 3 mm & Max Outlet 0.18 mm)

Model- ECM	13 Die	17 Die	21 Die
Speed- M/sec	30	30	30



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EXCEL CRAFT
MACHINERIES

STRAIGHT-LINE

tuner roller



Economic advantages of Straight Line Tuner Roller Wire Drawing Machine

- High drawing speeds – Better productivity under normal drawing conditions.
- Highly reliable – Low downtime.
- High quality & better finished wire due to no-slip, no-twist & proper tension control.
- Operator friendly – Quick start-up.
- High flexibility in die drafting.
- Low power consumption due to efficient programming with latest high response AC servo controlled electronics.
- Low noise level compared to primitive technology machinery.

Special features

- Special Tuner roller controlled.
- Forged Induction hardened alloy steel drawing drums.
- Heavy duty helical Gearbox & high efficient transmission.
- Enhanced wide gap turbulent Drum water cooling system.
- High speed braking - Electronically controlled.
- Sturdy Cassette type Die-Box.
- Proven, In-house developed electronic programming.
- Frequency controlled AC Drive system.
- Digital speed controlled System.
- High speed Digital Bus.
- Distributed I/O system - min. cabling from M/c to Panel.
- Pneumatically assisted wire accumulation capstan system.
- Sturdy Spooling machine. (Range - upto 1250 mm Dia)
- Special coiling system with Die/ without Die.
- Payoff systems. (Single / Double arm / Pusher Payoff)

Optional features

- Full Dancer arm for sensitive wire.
- Combination of OTO block in the starting for inlet wire with automatic wire accumulation control.
- Final block as double deck with straightening rollers along with an option of coiler block system for coil collection.
- Rotating Die Box.
- Die Box with Soap stirrer.
- Pressure Die arrangement.
- Environmental Guarding arrangement.
- Air blast for drum cooling through special sump design.
- All blocks with Brakes.
- Water flow indicator/ Temperature monitoring system.

Wire Drawing Drums



Forged Induction Hardened special alloy steel

Enhanced water cooling



Wide gap turbulent design

Tuner Roller



Hardened rollers- Pn. Controlled with non contact sensor

Helical Gear Box



High efficiency with water cooling

Cassette type Die Box



Sturdy design/ plane adjustments/ operator friendly

Rotating Die Box



For achieving better finish of drawn wire



Take-up frames

Galvanizing/ Patenting Take up frames



Accumulation Control for non-stop operation (Optional)

Galvanizing/ Patenting/ Plating line Take up spoolers