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Straight-line Wire Drawing Machine

Introductions of Straight-line Wire Drawing Machine



The high-quality [straight-line wire drawing machine](http://www.wiremachinecn.com) produced by Metal Tech has many advantages, such as fast production speed, stable operation and high output. Through continuous upgrading of production technology, Metal Tech is committed to providing straight-line wire drawing machines with maximizing efficiency for manufacturers, thereby they could save costs and obtain more profits.



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Specifications of Straight-line Wire Drawing Machine

Model	300	350	400	450	500	560	600	700	800
Material Intensity	≤1250Mpa								
Drawing Passes	2 ~ 11	2 ~ 11	2 ~ 11	2 ~ 12	2 ~ 12	2 ~ 12	2 ~ 12	2 ~ 9	2 ~ 9
Max. Dia. Of Inlet Wire	2.8mm	3.5mm	4.2mm	5.0mm	5.5mm	6.5mm	8mm	10mm	12.7mm
Min. Dia. Of Outlet Wire	0.5mm	0.6mm	0.75mm	1.0mm	1.2mm	1.4mm	1.6mm	2.2mm	2.6mm
Max. Speed	25m/s	20m/s	20m/s	16m/s	15m/s	15m/s	12m/s	12m/s	8m/s
Power	7.5~18.5kw	11~22kw	11~30kw	15~37kw	22~45kw	22~55kw	30~75kw	45~90kw	55~110kw

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Wheel Type Wire Drawing Machine

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Wheel type wire drawing machine is one of many types of wire drawing machine, but its application range is the most extensive. By adopting international and domestic advanced technology, Metal Tech's wheel type wire drawing machine can meet the specific needs of different customers, and can draw the wire to the specified wire diameter according to the customer's requirements. In addition, the Metal Tech wheel type wire drawing machine is cost-effective, fast, and has low

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noise pollution.

Specifications of Wheel Type Wire Drawing Machine

Model	560	550	450	350
Material Intensity	$\delta b \geq 110\text{kg/mm}^2$	120kg/mm ²	128kg/mm ²	$\delta b \leq 140\text{kg/mm}^2$
Max. Dia. Of Inlet Wire	6.5mm-4.4mm	6.5mm	4mm	2.6-1.5mm
Min. Dia. Of Outlet Wire	2.6mm-1.8mm	2.2mm	1.6mm	1.2-0.8mm
Max. average condensation	30%	20%	20%	21%
Total Condensation	78-88.5%	78%	77.90%	78%
Max. Speed of Block	245m/min	260m/min	280m/min	200m/min
Total Power	22/30kw	18.5/22kw	11/15kw	5.5/7.5kw

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Water Tank Wire Drawing Machine

Water tank wire drawing machine is a common and commonly used type of wire drawing machine, and it can also be said that it is a widely used one. The water tank wire drawing machine produced by Metal Tech is mainly suitable for wire drawing of small wire diameter below 3mm.

Specifications of Water Tank Wire Drawing Machine

Model	LT-12/350	LT-17/280	LT-19/200
Dia. Of Block	φ 350mm	φ 280mm	φ 200mm
Wire Drawing Mould	12pcs	17pcs	19pcs
Max. Dia. Of Inlet Wire	φ 3.5mm	φ 3.0mm	φ 1.6mm
Min. Dia. Of Outlet Wire	φ 0.7mm	φ 0.5mm	φ 0.3mm
Total Condensation	86%	90%	~96%
Average Condensation	16%	16%	15.50%
Speed Of Drawing	250-400m/min	250-400m/min	400~700m/min
Power Of Motor	30-37.5kw	18.5kw-22kw	15-18.5kw
Dimension	2400×1100×1100mm	6500×1800×1600mm	2310×1440×1160mm
Weight	6000kg	5000kg	4000kg

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Vertical Type Wire Drawing Machine



Metal Tech is committed to producing high-quality vertical type wire drawing machines. It should be noted that most of our vertical wire drawing machines are suitable for drawing large-diameter wires with a diameter of 6mm or more, and the maximum wire-diameter wire can reach 40mm.

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Specifications of Vertical Type Wire Drawing Machine

Model	650	800	900	1000	1200	1400
Single drawing compression ratio	$\leq 25\%$					
Dia. Of Drawing Wire	6mm-12mm	10mm-16mm	14mm-20mm	16mm-25mm	20mm-30mm	20mm-40mm
Total Power	18.5-37kw	45-55kw	55-75kw	75-90kw	110kw	132kw

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Straightening and Cutting Machine



The high-precision straightening and cutting machine produced by Metal Tech is a complete set of equipment for welding electrode manufacturers. If used in conjunction with a high-speed wire drawing machine, the effect is very good. The advantage of our straightening and cutting machine is that it meets the requirements of high efficiency and high standards for cutting steel wire under the requirements of low energy consumption and low noise. Metal Tech can cut to the specified length according to customer needs for further use.

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Specifications of Straightening and Cutting Machine

Model	Range for wire Dia.	Speed
GT-1/4	1mm-4mm	40m/min.
GT-4/8	4mm-8mm	35m/min.
GT-4/12	4mm-12mm	35m/min.
GT-4/14	4mm-14mm	35m/min.
GTS-10/20	10mm-20mm	30m/min
GTS-18/25	18mm-25mm	30m/min

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High-station Wire Pay-off With Descaling Wheels

Metal Tech is committed to providing customers with high-quality high-station wire pay-off with descaling wheels. The high-station pay-off wheel is the auxiliary part of the wire drawing machine. It is equipped with 5 wire stripping wheels. Its main function is to remove debris and rust on the surface of the wire.



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Pointing Machine

The pointing machine is the auxiliary machine of the wire drawing machine, and Metal Tech is committed to producing high-quality wire drawing machine auxiliary machines. Its function is to roll the wire into a thin sheet at the initial stage of drawing.



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Discharging Machine

The discharging machine is an auxiliary machine of the wire drawing machine, and its purpose is to wind the finished wire in the final stage of wire drawing. Metal Tech mainly produces two types of Discharging Machines, namely automatic discharging machines and I-wheel discharging machines. Metal Tech can also configure the corresponding discharging machine according to the different needs of users.



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Wire Drawing Die

Wire drawing die (Mould) is a kind of mould for drawing metal wire. The shape of the drawing die is a hole with a special shape in the center, such as a circle, a square, an octagon, or other special shapes. When the metal passes through the die hole, the size becomes smaller and the shape changes accordingly. Metal Tech promises that we can configure the size required by customers according to the specific needs of different customer.



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