



ARROW MACHINE TOOLS

New No.18, Old No.1, Balaji Nagar, Ambattur, Chennai - 600 053
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Thread Rolling Machines TB-3T



Specification	TB-3T	TB3TA	TB3TGT
Diameter for the threads rolled	Ø2-Ø10/mm	Ø2-Ø10/mm	Ø2-Ø10/mm
Range of pitch rolled	0.4-1.5P	0.4-1.5P	0.4-1.5P
Length of thread rolled	28mm	30mm	In feed of Thru feed
Spindle speed	27rpm	27rpm	50rpm
Outside diameter of rolling die	Ø100mm	Ø100mm	Ø100mm
Inside diameter of rolling die(keyway)	Ø50.5mm	Ø50.5mm	Ø50.5mm
Thickness of rolling die	30mm	30mm	30mm
Center distance between die spindles	90-130mm	90-130mm	90-130mm
Machine motor	1HP	2HP	2HP
Center distance from the lathe bed to rolling die	85mm	85mm	85mm
Supply voltage	380V 3P 50Hz	380V 3P 50Hz	380V 3P 50Hz
Weight(reference)	310Kg	310Kg	440Kg
Package Dimension(L*W*H)	780*680*780 mm	780*680*780 mm	880*760*760mm
Dimension(L*W*H)	680*600*750 mm	680*600*750mm	650*600*750mm

Thread Rolling Machines TB-20S



Specification

Diameter for the threads rolled	Ø6-Ø25/mm
Range of pitch rolled	0.4-2.5P
Length of thread rolled	In feed or Thru feed
Spindle speed	27rpm
Outside diameter of rolling die	Ø100mm-Ø118mm
Inside diameter of rolling die(keyway)	Ø50.5mm
Thickness of rolling die	50mm
Min.center distance between die spindles	100mm
Max.center distance between die spindles	135mm
Main power motor	3HP
Hydraulic motor	2HP
Max.rolling pressure	6-8T
Supply voltage	380V 3P 50Hz
Weight(reference)	700(KG)
Package Dimension(L*W*H)	1100*1100*1300mm
Dimension(L*W*H)	1000*1000*1200mm

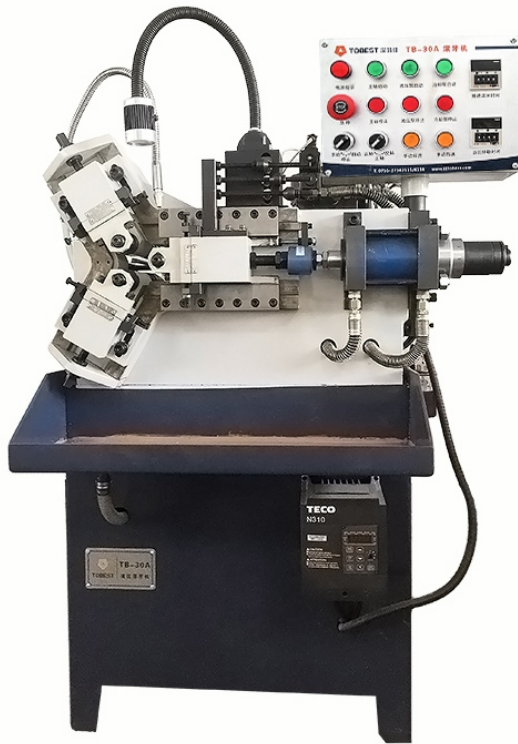
Thread Rolling Machines TB-25S



Specification

Diameter for the threads rolled	Ø8-Ø42/mm
Range of pitch rolled	1.0-3.5P
Length of thread rolled	In feed or Thru feed
Spindle speed	36/47/60/78rpm
Outside diameter of rolling die	Ø135mm-Ø170mm
Inside diameter of rolling die(keyway)	Ø54mm
Thickness of rolling die	110mm
Min.center distance between die spindle	120mm
Max.center distance between die spindle	240m
Output(pcs/min)	4-20 pcs/min
Machine motor	5.5HP
Hydraulic motor	3HP
The highest feed pressure	12T
Supply voltage	380V 3P 50Hz
Weight(reference)	1700KG
Package Dimension(L*W*H)	1600*1480*1240mm
Dimension(L*W*H)	1500*1380*1140 mm

Thread Rolling Machines TB-30A



Specification

Diameter for the threads rolled	Ø9-Ø35/mm
Range of pitch rolled	0.5-2.5P
Length of thread rolled	In feed or Thru feed
Spindle speed	350-600rpm variane Speed
Outside diameter of rolling die	Ø78mm-Ø90mm
Inside diameter of rolling die(keyway)	Ø25.4mm & Ø35mm
Thickness of rolling die	40mm
Center distance between die spindles	55 - 90mm
Output(pcs/min)	5-30 pcs/min
Swiveling Angle(degree)	±3°
Main power motor	3HP
Hydraulic motor	2HP
Max rolling pressure	6T - 8T
Supply voltage	380V 3P 50Hz
Weight(reference)	500KG
Package Dimension(L*W*H)	1280*1100*1600mm
Dimension(L*W*H)	1180*1000*1500 mm

Thread Rolling Machines TB-30S



Specification

Diameter for the threads rolled	Ø8-Ø30/mm
Range of pitch rolled	1.0-4.0P
Length of thread rolled	In feed or Thru feed
Spindle speed	16/25/40/63rpm
Outside diameter of rolling die	Ø115mm-Ø175mm
Inside diameter of rolling die(keyway)	Ø54mm
Thickness of rolling die	120mm
Center distance between die spindles Max/Min	110 - 230mm
Output(pcs/min)	5-25 pcs/min
Machine motor	5.5HP
Hydraulic motor	2HP
The highest feed pressure	15T
Supply voltage	380V
Weight(reference)	2100KG
Package Dimension(L*W*H)	1470*1600*1400mm
Dimension(L*W*H)	1370*1510*1280 mm

Thread Rolling Machines TB-40S



Specification

Diameter for the threads rolled	Ø5-Ø40/mm
Range of pitch rolled	0.8-6.0P
Length of thread rolled	In feed or Thru feed
Spindle speed	16/25/40/63r/min
Outside diameter of rolling die	Ø135mm-Ø215mm
Inside diameter of rolling die(keyway)	Ø75mm
Thickness of rolling die	140mm
Center distance between die spindles Max/Min	130 - 260mm
Output(pcs/min)	4-20 pcs/min
Machine motor	7.5HP
Hydraulic motor	2HP
The highest feed pressure	20T
Supply voltage	380V
Weight(reference)	2800KG
Package Dimension(L*W*H)	1670*1840*1440mm
Dimension(L*W*H)	1570*1740*1340 mm

Thread Rolling Machines TB-50S



Specification

Diameter for the threads rolled	Ø5-Ø100/mm
Range of pitch rolled	0.8-8.0P
Length of thread rolled	In feed or Thru feed
Spindle speed	16/25/40/63rpm Variable speed
Outside diameter of rolling die	Ø145mm-Ø235mm
Inside diameter of rolling die(keyway)	Ø75mm
Thickness of rolling die	160mm
Distance between the roller shaft	110 - 230mm
Output(pcs/min)	5-25 pcs/min
Machine motor	5.5HP
Hydraulic motor	2HP
The highest feed pressure	15T
Supply voltage	380V
Weight(reference)	2100KG
Package Dimension(L*W*H)	1470*1600*1400mm
Dimension(L*W*H)	1370*1510*1280 mm

Thread Rolling Machines TB-60A



Specification

Diameter for the threads rolled	Ø18-Ø60/mm
Range of pitch rolled	1.0 - 4.0P
Length of thread rolled	In feed or Thru feed
Spindle speed	220/ 360/ 560/ 750r/min
Outside diameter of rolling die	Ø90mm-Ø1mm
Inside diameter of rolling die(keyway)	Ø40mm
Thread rolling Die Length	50mm
Range of distance between the roller shaft	105 - 260mm
Output(pcs/min)	4-25 pcs/min
Swiveling Angle(degree)	±3°
Main power motor	5.5HP
Hydraulic motor	3HP
Max rolling pressure	12T - 14T
Supply voltage	380V
Weight(reference)	1270KG
Dimension(L*W*H)	1600*1500*1600mm

Thread Rolling Machines TB-70S



Specification

Diameter for the threads rolled	Ø10-Ø80/mm
Range of pitch rolled	1.0 - 14.0P
Length of thread rolled	In feed or Thru feed
Outside diameter of rolling die	Ø220mm-Ø270mm
Inside diameter of rolling die(keyway)	Ø100mm
Thickness of rolling die	180mm
Inside diameter of Hydraulic cylinder	Ø300mm
Gear box way	Gear box drive
Main power motor	22KW 380V
Hydraulic motor	5.5KW
Rolling Pressure	80T - 100T
Weight(reference)	6500KG
Package Dimension(L*W*H)	2490*2580* 2090mm
Dimension(L*W*H)	2400*2500*2000 mm