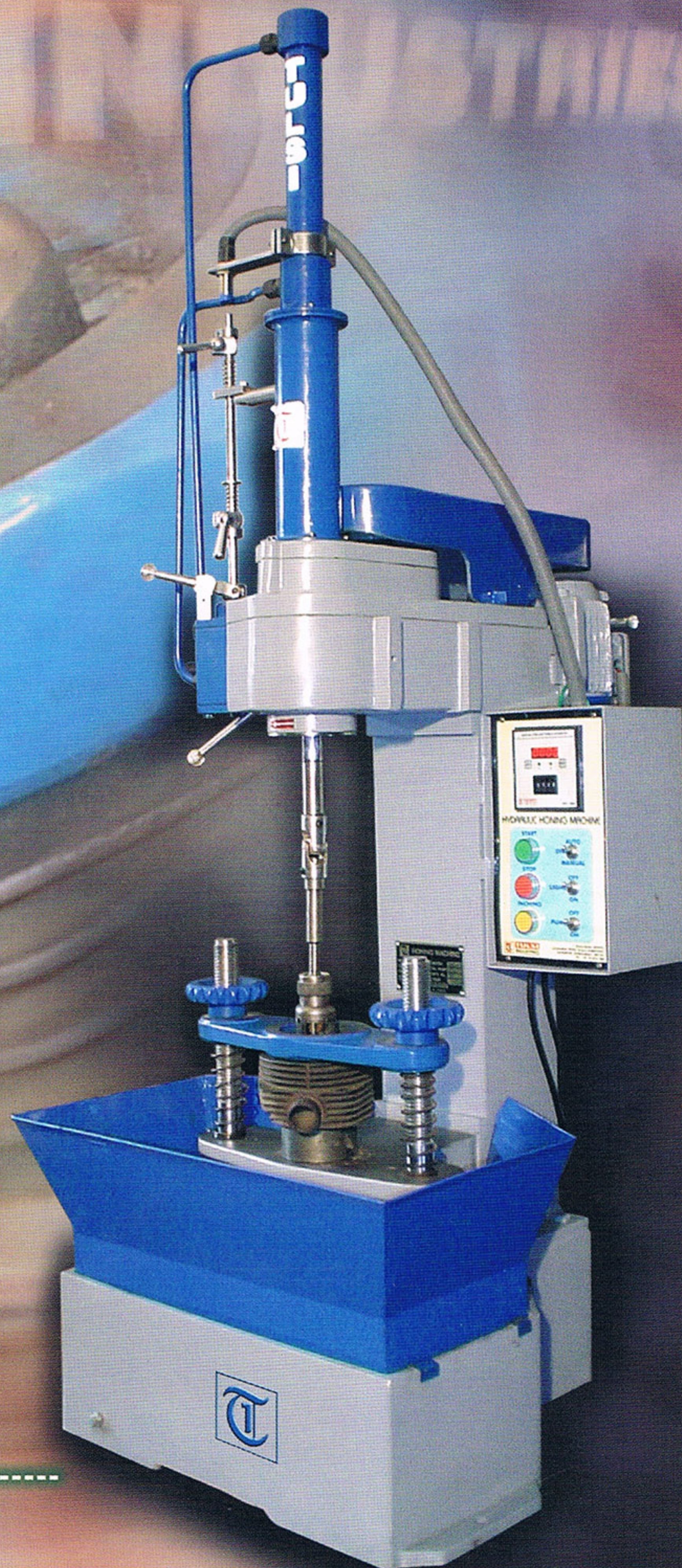




BLUE DIAMOND
Vertical
Hydraulic
Honing
Machine



A CHAMPION BREED FOR YOUR HONING SOLUTION

BLUE DIAMOND Vertical Hydraulic Honing Machine

With our long experience (since -1973) in the same Field, we make our all effort to developed this small Hydraulic Honing Machine (Model T-150). It is our own design that gives you higher performance with lower cost and lower maintenance. We developed all components in our premises and inspected well with all respect to get better result.

We are making our component in **CNC** Machine for achieve higher accuracy. Since last many year our this machine is giving full satisfaction to our all costumer in all our India

MACHINE SPECIFICATION

Min. Honing Diameter	38mm
Max. Honing Diameter	75mm
Min. Honing Stroke	50mm
Max. Honing Stroke	150mm
Stroke Speed	0.5 to 12 meters/min.
Spindle Speed	160 RPM
Motor	1 H.P. - 3 Phase
Coolant Pump	0.15 H.P. (1 Phase)
L x W x H of Machine	850 x 600 x 1550 mm
Workspace Required	1000 x 750 mm
Net Weight	250 Kg. approx.
Packing Case Dimension	400 Kg. Approx.
L x W x H	1000 x 750 x 1750 mm
Shipping Volume	2 m cube

In view of the Company's commitments to continuous innovation and upgradation to meet the market demand, product design and specification are subject to changewithout prior notice.

MODEL T-150



Honing is a super finishing process, which has all the importance in Cylinder Block reconditioning. A perfect hatch angle has to be maintained as per the recommendations of the manufacturer to ensure efficient working of the engine and reduce oil consumption in a re-conditioned engine.

Blue Diamond T-150 Hydraulic Honing Machine, gives desired hatch angle consistently by proper selection of Spindle RPM and stroke speed. Manual honing can never give a perfect and consistent hatch angle as the operator gets fatigue as work progresses.

- * Complete with Electrical Counter Meter with Auto Stop.
- * Easy Operation.
- * Perfect cross hatch every time.
- * Low Maintenance level



1, SHAH PATEL ESTATE, JAYBHARAT RANG SHALA COMPOUND,
SARASPUR, AHMEDABAD-380 024. PH : 079-2274 7862. (MO) : 94264 01277.
E-mail : ● kiritpanchal819@yahoo.com

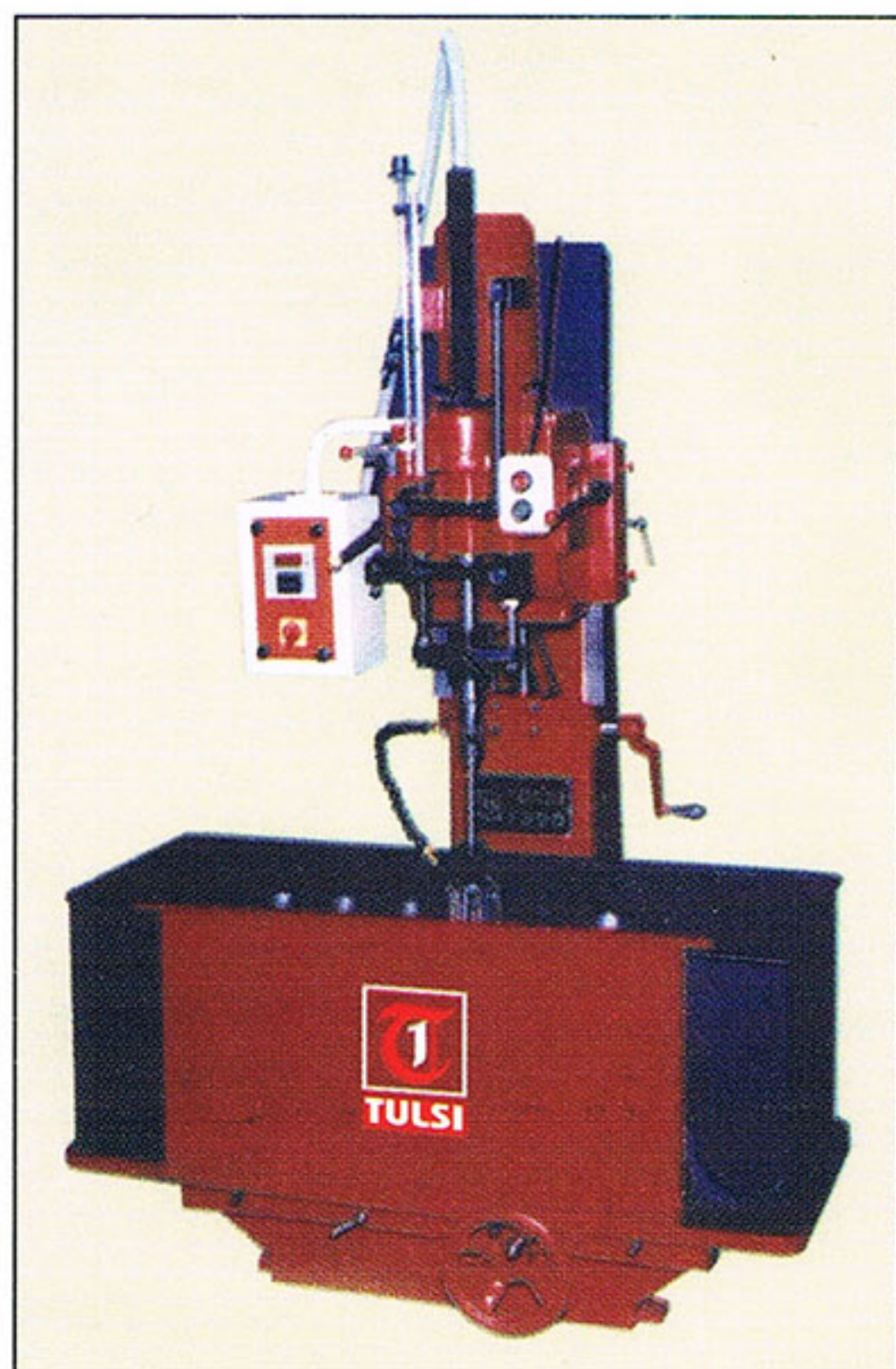
Honing is a super finishing process, which has all the importance in Cylinder Block reconditioning . A perfect hatch angle has to be maintained as per the recommendations of the manufacturer to ensure efficient working of the engine and reduce oil consumption in a re-conditioned engine.

Blue Diamond T -300 Hydraulic Honing Machine, manufactured by TULSI INDUSTRIES is designed to give desired hatch angle consistently by proper selection of Spindle RPM and stroke speed. Manual honing can never give a perfect and consistent hatch angle as the operator gets fatigue as work progresses.

TECHNICAL SPECIFICATIONS :

Minimum Honing Diameter	:	40 mm (Optional 32 mm)
Maximum Honing Diameter	:	150 mm (Optional 200 mm)
Minimum Honing Stroke	:	50 mm
Maximum Honing Stroke	:	300 mm
Stroke Speed	:	0.5 to 16 mtrs / min.
Spindle Speed	:	90 and 130 RPM (Optional 120 & 180 RPM)
Motor	:	2 H.P., 3 Phase
Coolant Pump	:	0.15 H.P.
Working Space of Table	:	410 mm x 1125 mm
Table Traverse	:	800 mm
LxWxH of Machine	:	1210 mm x 900 mm x 1790 mm
Workspace Required	:	2000 mm x 1500 mm
Net Weight	:	540 Kgs.
Gross Weight	:	750 Kgs.
Packing Case Dimensions L x W x H	:	1400 mm x 1100 mm x 1650 mm
Shipping Volume	:	2.54 M.

In View of the Company's commitment to continuous innovation and upgradation to meet the market demand, product design and specifications are subject to change without prior notice.



STANDARD EQUIPMENTS

1. Set of parallals 100 mm	:	1 Pair
2. Honing Head 40 to 130 mm	:	1 Set
3. T-Bolt with Nut & Washer	:	4 Nos.
4. Handle	:	1 No.
5. Operating Tools	:	1 Set
6. User Manual	:	1 No.

*OPTIONAL ACCESSORIES

1. Roll Over Fixture for 'V' Engines
2. Honing Head 32 to 50 mm
3. Honing Head 150 to 200 mm

- Complete with Electrical Counter meter with Auto Stop.*
- Protection Cover (1200 mm x 550 mm x 600 mm approx.)
- Easy Operation.
- Perfect cross hatch every time.
- Low Maintenance level.
- Hydraulic operated MODEL-T-150 for two wheeler is also available.



Manufacturing by : **TULSI**
INDUSTRIES®

BLUE DIAMOND
Cylinder Boring Machine



TULSI INDUSTRIES

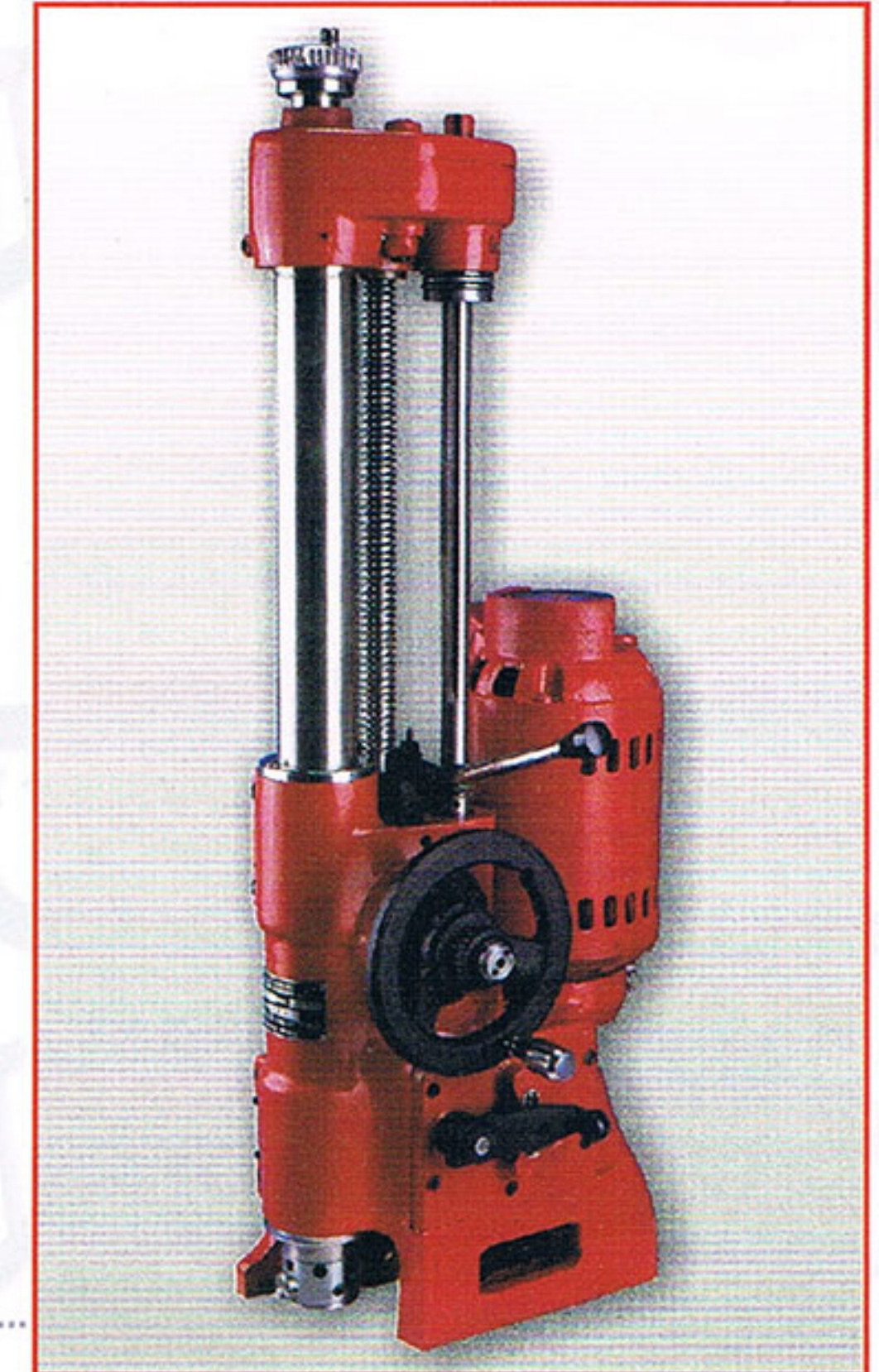
The mark of Reliability

MODEL VB 048 T / 055 T

WITH AUTOMATIC REVERSE MECHANISM

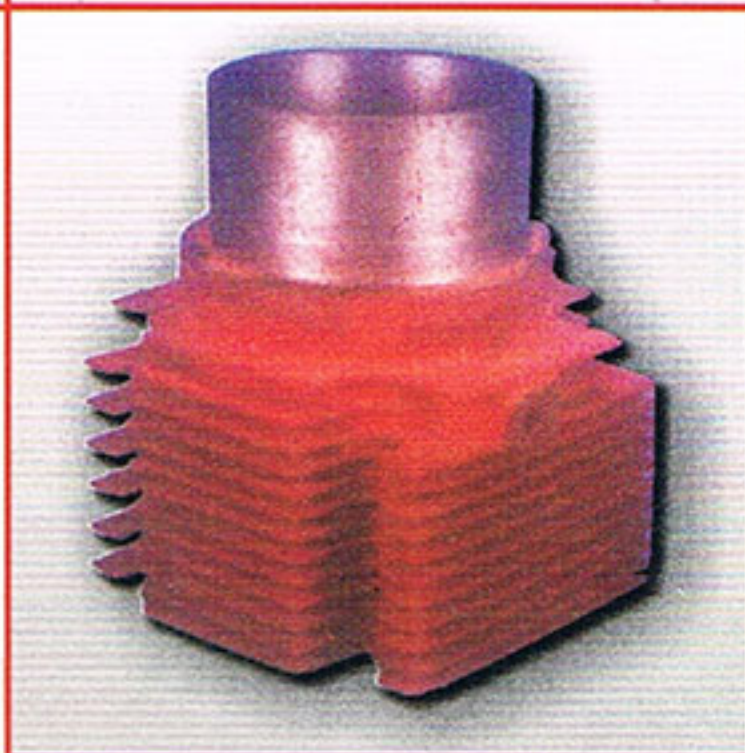
SPECIFICATION*

MODEL		VB 048T	VB 055T
Uses		Motor Cycle	Motor Cycle
		Light Car	Light & Medium Car
		Scooter	Scooter
			Three Wheeler Car
			Medium Duty Compressor
Boring Capacity	Range of bore mm	48.0mm (1.900) 76mm ~ (3.000")	53.5 (2.100") 90 (3.700") ~
	Depth of bore mm	200 mm (8")	245 mm (9.700")
Spindle	High RPM	420 ~	420 ~
Speed (50 Cycle)	Low RPM	345 ~	345 ~
Rate of cut	High mm/Min.	42 (1.65") ~	42 (1.65") ~
	Low mm/Min.	35 (1.38") ~	35 (1.38")
Rate of feed mm/rev.		0.09 ~	0.09 ~
Max depth of cut mm (at Low Speed)		1(0.040")~	1(0.040")~
Motor		Single phase 1/3 HP	Single Phase 1/3 HP
		3 Phase 1/3 HP 200 v 220v	3 Phase 1/3 HP 200 v 220v
Net Weight (Tool box not included) Approx Kg.		63.5	65



FEATURES

1. Quick and accurate operation is essential in cylinder reboring job. To realise it, a featured three jaw centering system is adopted in the Blue Diamond automatic boring machine.
2. By a special clamping device, clamping the machine to the motor block become securely and easily.
3. The machine is provided with three automatic Mechanisms; Positive down ward Feed, instant Stopping at desired depth and retraction of the boring bar.
4. Quick easy and accurate tool setting is enable, with a special direct reading micrometer.
5. Tool lapping is quickly and accurately accomplished with a special lapping attachment and a diamond wheel.
6. Superior finish and precise tolerances are satisfactorily attainable.



MODEL VB 038 T



SPECIFICATION*

MODEL		VB 038T (With Stnad)
Uses		Moped Motor Cycle 100 CC
Boring Capacity	Range of Bore mm	38.1 mm (1.500") 60mm (2.350")
	Depth of bore mm	150 mm (6.000")
Spindle Speed (50 Cycle) RPM		460
Rate of feed mm/rev		0.09
Max Depth of cut mm		0.8 (0.030")
Motor		Single Phase 1/3 HP
		Three phase 1/3 HP

FEATURES

1. Easy to Operate.
2. Superior surface finish.
3. Quality of product.
4. High productivity.

STANDARD ACCESSARY*

Model	VB 038T	VB 048 T	VB 055 T	VB 777 T
Tool Setting Micrometer	1 Set	1 Set	1 Set	1Set
Tool Holder	-	3 Pcs	3 Pcs	2 Pcs
Tool Bit	3 Pcs	3 Pcs	3 Pcs	2 Pcs
Diamond Wheel	1 Pc	1 Pc	1 Pc	1 Pc
Centering Jaw	3 Sets	4 sets	6 Sets	5 Sets
Clamping Device	1 Set	1 set	1 Set	1 Set
Hex Wrench	3 Pcs	3 Pcs	3 Pcs	3 Pcs
Spanner for Back rod	-	2 Pcs	2 Pcs	-
Screw Driver	1 Pc	1 Pc	1 Pc	1 Pc

* We reserve right to modify any specification or design without giving any prior information.

Dealers

Mfg. by :



TULSI INDUSTRIES

Ahmedabad-380 024.
Gujarat. (INDIA)