


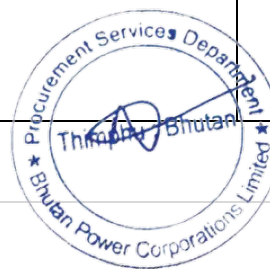


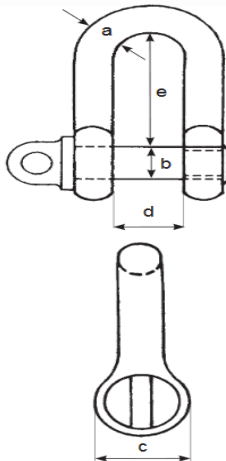







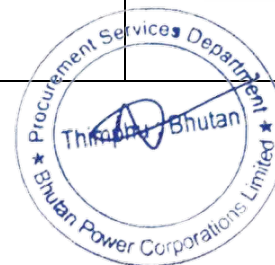
## TECHNICAL SPECIFICATIONS OF LOT 5 (HAND TOOLS)



Item No.	Item Description	Unit	Technical Specification	Sample Picture
5(1)	Allen Key (Hex Key Set)	SET	L-Style Ball-End Hex-Key Caddy Set - Metric, Sizes:1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	
5(2)	Electricians Tool Kit	SET	Electricians Tool Kit with a shock-resistant plastic case, foam inserts with recesses for the tools, fixable partition wall containing following Tools (26 Pieces) conforming to Insulation standard: IEC 60900, DIN EN 60900, 1000 volts: 1 no. 8" Combination Plier, 1 No. 6¼" Diagonal Cutter, 7 Nos. Open End Wrench- 10, 11, 12, 13, 14, 17 & 19mm, Dismantling knife for round cable, 3 nos. screwdrivers for slotted screws: 25, 35 & 40mm, 3 Nos screwdrivers for crossed-recessed (Phillips): 00, 01, 02, 1 No T-handle, 7 Nos. Hexagon socket for hexagonal screws/bolts: 10, 11, 12, 13, 14, 17 & 19mm, 1 No Cable knife.	
5(3)	HRC Fuse Extractor with rubber insulated handle	NO	Fuse puller for NH type fuses, sizes 00 to 03 with rubber insulated handle, 1000V, insulation standard: IEC 60900, DIN EN 60900/ VDE (0680-4); GS; CEBEC.	

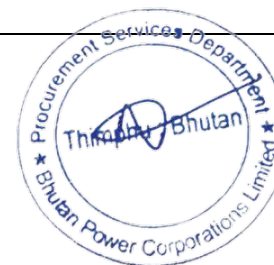





5(4)	Strap application tools with cutter, folder and ratchet	SET	<p>Strap application tools with the cutter, folder and ratchet for use on bandwidths of 3/16" -3/4". Weight: 4.3 lbs.</p> <p>Blue epoxy powder coated finished resisting corrosive element.</p> <p>Comes with the spin handle retaining ring to keep parts intact.</p>	
5(5)	Electrician's Hole Saw set	SET	<p>Electrician's Hole Saw set.</p> <p>Set Containing Sizes: 7/8" (22 mm), 1-1/8" (29 mm), 1-3/8" (35 mm), 1-3/4" (44 mm), 2" (51 mm), 2-1/2" (64 mm), 2 extra pilot bits.</p>	
5(6)	ABC string block including hook bracket ratchet, DERVIEUX GRENOBLE 34	NO	<p>Material: High strength aluminium alloy.</p> <p>Lightweight.</p> <p>LV Pulley has a 250 mm diameter with a groove width of 60mm.</p> <p>HV Pulley has a 600mm diameter with a groove width of 70mm.</p>	
5(7)	D-shackles	NO	<p>Steel D shackles available with a screw type A pin</p> <p>Working load limit: 5 Ton</p> <p>Dia. Bow (a): 1.1/8 inch</p> <p>Dia.Pin (b): 1.1/4 inch</p> <p>Dia. eye (c): 2.1/2 inch</p> <p>Width inside (d): 2.1/8 inch</p> <p>Length inside (e): 4.1/8 inch</p> <p>Weight: 1kg</p>  	



5(8)	Pipe Threading Vice	NO	<p>Portable pipe vise, Weights :32 pounds (14.5 kg)  Pipe Capacity: 1/8-inch to 2-1/2-inch (3 mm-63 mm)  Ideal for a variety of materials including steel, copper and PVC  Quick grab, self-locking latch  Integral folding legs</p>	
5(9)	Anvil (125kg)	NO	<p>Heavy Duty Anvil Drop-Forged From High Grade Steel for Maximum Durability,  Overall Length not less than 28 1/2 in,  Overall Width not less than 5 1/2 in,  Overall Height not less than 12 1/4 in  Face length not less than 10 1/2 in  Face width not less than 5 in  Horn Length not less than 7 1/2 in  Weight not less than 125kg.  2cm x 2cm Square Hole and 2 cm dia hole near end of anvil top.</p>	
5(10)	Heavy Duty Swivel Vice	NO	<p>Made of impact resistant cast iron.  Powder coat paint for protection from corrosion.  360° swivel base with dual lock down handles.  Mounted directly onto workbench.  Replaceable, hardened jaws made of high-quality steel.  Integrated anvil.  Lead screw enables easy opening/ closing of the jaws.  For heavy-duty use.  Designed to clamp the material during machining.</p> <p>Jaw width: 8"/ 200mm  Weight: 20kg</p>	

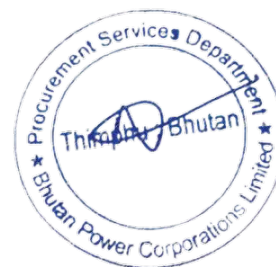


5(11)	3 Jaws Bearing Extractor	NO	<p>5 ton capacity, 2/3 jaw, reversible jaws  Maximum reach of 3-1/4 inches  Maximum spread of 7 inches  Upper jaw thickness is 5/16 inch,  lower jaw thickness is 1/4 inch  Upper jaw width is 3/8 inch,  lower jaw width is 3/4 inch  Item Weight: 3 pounds  Product Dimension: 10.0x3x6.6 inches</p>	
5(12)	Die and Tap Set	SET	<p>Material: Premium Alloy Steel, Size: 40 piece, Package Dimension: 12.71 x 8.27 x 1.85 inches, Item Weight: 3.14 pounds  Set Includes:  (17) Taps for Internal Threads;  (17) Dies for external Threads;  (1) Long Handle Adjustable Tap Wrench;  (1) T-Handle Tap Wrench;  (1) Adjustable Die Wrench;  (1) Mini 1/8" Flat Screw Driver;  (1) Thread Pitch Gauge;  (1) Heavy Duty Storage Case;  Tap and Die Sizes:  Coarse Thread (NC): 4-40 NC, 6-32 NC, 8-32 NC, 10-24 NC, 12-24 NC, 1/4-20 NC, 5/16-18 NC, 3/8-16 NC, 7/16-14 NC, 1/2-13 NC;    Fine Thread (NF): 10-32 NF, 1/4-28 NF, 5/16-24 NF, 3/8-24 NF, 7/16-20 NF, 1/2-20 NF;    Pipe Thread (NPT): 1/8 NPT 27;</p>	






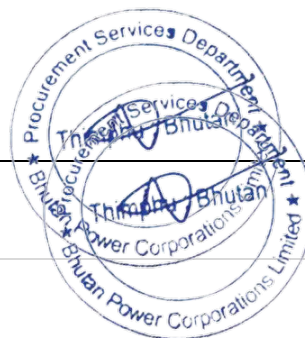
5(13)	Transformer Oil Storage Tank	NO	<ul style="list-style-type: none"> <li>Capacity= 10,000Litres</li> <li>Design: Cylindrical shape and mounted horizontally and stationary. It should have two equal compartments separated by valve only.</li> <li>The tank should be fitted with level tube to indicate oil in the tank, silica gel breather and manholes for entry inside the tank. Ladder and pathway on the tank should also be there.</li> <li>The tank should also be fitted with inlet and outlet valve, oil sampling valve with suitable adaptor, drainage valve, etc. Suitable arrangement shall also be made to prevent overflow in the tank.</li> <li>The tank should be suitable for storage of oil up to temperature of 100 degree Celsius.</li> </ul>	
5(14)	Grass cutting machine	SET	<p>Backpack portable grass cutting machine</p> <ul style="list-style-type: none"> <li>Stroke: 2,</li> <li>Displacement: 25cc,</li> <li>Output kW: 0.81,</li> <li>Fuel tank : 0.55 litre,</li> <li>Start system: Recoil,</li> <li>Carburettor: Diaphragm,</li> <li>Clutch system: automatic centrifugal.</li> </ul>	
5(15)	Power chainsaw large	SET	<p>Power chainsaw with complete accessories.</p> <ul style="list-style-type: none"> <li>Displacement: 70.7 cc (4.3 cu.in.)</li> <li>Engine power: 4.2kW (5.6 bhp)</li> <li>Guide bar length: 40 to 80 cm (16" to 32")</li> <li>Power head weight: 6.7 kg (14.8 lbs.)</li> <li>Fuel Capacity: 725 cc (24.5 oz)</li> <li>Chain oil capacity: 360 cc (12.2 oz)</li> </ul>	





5(16)	Power chain saw Small	NO	<p>Power chainsaw with complete accessories.  Displacement: 30.1 cc (1.8 cu.in.)  Engine power: 1.3 kW (1.7 bhp)  Guide bar length: 30 to 40 cm (12" to 16")  Power head weight: 3.9 kg (8.6 lbs.)  Fuel Capacity: 250 cc (8.5 oz)  Chain oil capacity: 145 cc (4.9 oz)</p>	
5(17)	Battery operated crimping tool, 10-400 sq.mm	SET	<p>Battery-powered hydraulic crimping tool for crimping copper and aluminium conductors with cross-sections 10-400 sq. mm along with hexagonal dies of 10, 16, 24, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400 mm<sup>2</sup> sets.  Crimping Force: 80-130kN,  Crimping type: hexagon crimping,  Stroke: weight&lt;7kg,  Package: Plastic case,  Charger: 18V-230V, Li-ion interchangeable dies and wide crimping.  <b>Features must include:</b></p> <ul style="list-style-type: none"> <li>• Crimp head with snap closure</li> <li>• 360-degree rotatable crimp head with quick opening and closing</li> <li>• Integrated LED light for illuminating work area</li> <li>• 3 years or 20000 work cycles warranty</li> </ul>	

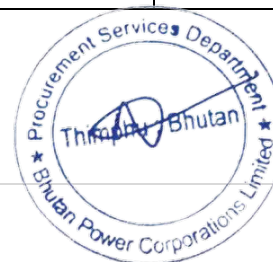








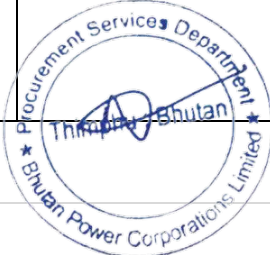
5(18)	Hydraulic Crimping Tool (0 - 50sq.mm)	NO	<p>Open head, rotatable battery powered cable crimping tool, one-button operating concept for controlling all tooling functions.</p> <p>Cable crimping force:13 kN, Stroke:9 mm, Crimping tool range:0.14-50sqmm, Crimping tool cycle: approx. 2 s, Number of crimps: approx. 230 at 10 mm<sup>2</sup> Cu, Battery voltage:10.8 V, Battery capacity:1.5 Ah, Li-Ion, Charging time: approx. 40 min, Weight incl. battery:1.5 kg, Ambient temperature: -10°C to +40°C, Scope of Supply: Battery 10.8V Li-Ion, Charger for 10.8V Li-Ion batteries, 230V, Crimping Dies, Plastic Case</p>	
5(19)	Weighing Machine Heavy Duty (0-1500 kg)	NO	<p>Digital Weighing Machine with Carbon steel and baking epoxy paint with 4mm checkered plate to skid proof and Digital out-stand indicator (LCD/LED) with high accuracy</p> <p>Display Type: LCD Display, Weighing Capacity: 0-1500 kg, Power Source: AC Supply Pan Size: 1500x1500 mm, Auto Power Off: Yes</p>	
5(20)	Weighing Machine Heavy Duty (0-100 kg)	NO	<p>Digital Weighing Machine, Accuracy: 10g, Display Type: LCD Display, Weighing Capacity: 100 kg, Power Source: Battery/AC supply Pan Size: 300x400 mm, Auto Power Off: Yes</p>	











5(21)	Digital Weighing Machine (Capacity 3kg)	NO	Digital Weighing Machine, Accuracy: 100mg, Display Type: LCD Display, Weighing Capacity: 3 kg, Power Source: Battery, Size: 8"x5"	
5(22)	Insulated Adjustable Wrench 12"	NO	Insulated Adjustable wrench. Chrome-plated Tool, plastic dipped insulated handle conforming to insulation standard: IEC 60900, DIN EN 60900, 1000 volts, Overall Length: 12 inches, Maximum capacity: 24mm.	
5(23)	Insulated Torque Wrench M10, M12, M13 (for IPC)	SET	Insulated Torque wrench for IPC connection 10 Pc - 3/8" Insulated Socket Set Socket Sizes: 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm & 19mm 5" Insulated Extension 3/8" Drive Insulated Ratchet Packed In Moulded Box 10,000 Volt Tested & 1000 Volt Rated.	
5(24)	Ring Wrench	SET	Cranked, basic tool chrome plated, Chrome Vanadium steel, forged, oil-hardened conforming to insulation standard: IEC 60900, DIN EN 60900, 1000 volts, 13 Pieces: 7 mm-19 mm, Metric, complete sets in plastic box/pouch in roll.	

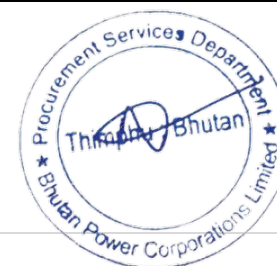








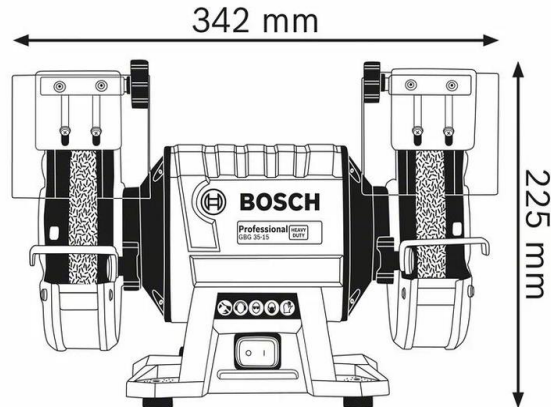
5(25)	Socket Wrench	SET	Insulated Socket Wrench Set: Reversible ratchet handle, Chrome plated basic tool, Chrome vanadium steel, Insulation standard: IEC 60900, DIN EN 60900, 1000 volts, 19 pieces, 1/2"square drive, 5" extension bar, 10"extension bar, 1/2" drive socket set: 8mm, 10mm, 13mm, 17mm, 19mm, 20mm, 22mm.	
5(26)	Bolt Cutter	NO	Grey-atramentized head, handles with multi-component grip, cutting edge length: 46mm, Head thickness: 42mm, Cutting capacities: up to 48 HRC, Length: 900-950mm.	
5(27)	Mini Bolt Cutter	NO	Grey atramentized head, handles with plastic coated, cutting edge length: 30mm, Head thickness:33mm, cutting capacity: soft wire: 6mm Ø, medium hard: 3mm, hard wire:3.6mm Ø (up to 48 HRC), Length: 200-250mm.	
5(28)	Ratchet Cable Cutter	NO	Ratchet Cable Cutter with cutting capacity of copper cable, multi stranded: 60mm dia (600mm <sup>2</sup> ), 1200 MCM. Black lacquered tool, polished head, insulated with multi component grip handles, VDE-tested conforming to Insulation standard: IEC 60900, DIN EN 60900, 1000 volts, length: 300-320mm. Additional features: <ul style="list-style-type: none"> <li>• 2 stage ratchet mechanism,</li> <li>• Clean cut, i.e. no fanning out of cable,</li> <li>• Dual guided rotating blade – makes it extremely stable,</li> <li>• Cuts up to 32 mm dia ACSR cable.</li> </ul>	 

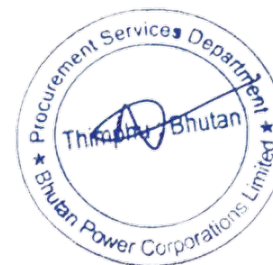
5(29)	Hydraulic cable cutter	NO	Bolt Cutter (42") Heavy Duty Bolt Cutter 430 025 High Quality with Cutting force up to 48HRc, Cutter and tube head made of special steel	
5(30)	Hydraulic ACSR conductor cutter-24mm dia	NO	Portable hand operated, hydraulic conductor cutter for cutting of ACSR Deer & Zebra conductors, cutting size up to 0-40 mm in diameter, along with a complete set of accessories, net weight 3.2 to 5.8 kg.	
5(31)	Wire grip come along for ABC conductor	NO	Wire grip Come along for ABC conductor. ABC Conductor: 4x95mm, 2-150mm <sup>2</sup> , Max load/WWL: 18 kN (1.8 Ton) for self-supporting systems.	
5(32)	Wire grip come along for ACSR conductor (distribution)	NO	Wire grip Come along for ACSR Conductor. Conductor dia: 8-18mm, Conductor area: 50-150mm <sup>2</sup> , Eye size: "D": 25-38mm, Max load/WWL: 3000 kg, Breaking Load: 6000kg, Weight: 1.8 kg.	
5(33)	Wire grip come along for ACSR conductor (transmission)	NO	Suitable for Steel wire rope from 5 mm to 15 mm diameter; made of high tensile alloy steel, hot forged, heat-treated, precision machined, and zinc-plated. <ul style="list-style-type: none"> <li>• Max. safety load: 50 kN</li> <li>• Min. breaking load: 125 kN</li> <li>• Weight: 5 kN</li> </ul>	

5(34)	Automatic come along clamp suitable for ACSR Moose conductor (Model number: AACN-50)	NO	<ul style="list-style-type: none"><li>• The body is made of high tensile steel and with gripping jaws is made of forged aluminium alloy material having high tensile strength.</li><li>• The bolts are made of high tensile EN grade steel.</li><li>• Suitable for ACSR conductors, available with safety lock.</li></ul> <table><tr><th>Model No.</th><th>SWL (KN)</th><th>Max. suitable conductor dia (mm)</th><th>Min. suitable conductor dia (mm)</th><th>A: Jaw Gripping length (mm)</th><th>Mass (Kg)</th></tr><tr><td>AACN-50</td><td>50</td><td>31.80 (-6.00)</td><td>28.8 (-6.00)</td><td>200</td><td>7</td></tr></table>	Model No.	SWL (KN)	Max. suitable conductor dia (mm)	Min. suitable conductor dia (mm)	A: Jaw Gripping length (mm)	Mass (Kg)	AACN-50	50	31.80 (-6.00)	28.8 (-6.00)	200	7	
Model No.	SWL (KN)	Max. suitable conductor dia (mm)	Min. suitable conductor dia (mm)	A: Jaw Gripping length (mm)	Mass (Kg)											
AACN-50	50	31.80 (-6.00)	28.8 (-6.00)	200	7											
5(35)	Automatic come along clamp for ACSR Panther	NO	<p>Suitable for ACSR panther conductor; made of high tensile alloy steel, hot forged, heat-treated, precision machined, and zinc-plated with a complete range of interchangeable liners.</p> <ul style="list-style-type: none"><li>• Max. safety load: 49 kN</li><li>• Min. breaking load: 180 kN</li><li>• Weight: 7 kN</li></ul>													
5(36)	Come along Clamp for earth wire (OPGW)	NO	<p>Suitable for OPGW conductors outer dia. 6-23mm; made of high tensile alloy steel, hot forged, heat-treated, precision machined, and zinc-plated with a complete range of interchangeable liners.</p> <ul style="list-style-type: none"><li>• Max. safety load: 49 kN</li><li>• Min. breaking load: 180 kN</li><li>• Weight: 7 kN</li></ul>													




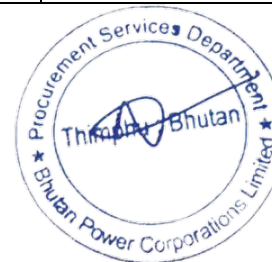
5(37)	Electrician Impact Drill Kit	SET	GSB550 Impact drill kit (XL) Voltage:230V, Power Consumption:550W Rated power Input:0-2800rpm	
5(38)	Bench Drill Machine	SET	Pedestal/Bench electric drilling machine suitable for drilling steel/MS, drill bit up to 32mm, 230V with all accessories including M-2 High Speed steel reduced shank drill bit set.	
5(39)	3 phase drilling machine	NO	Refer page No. <b>16 Technical Specification of Lot 5</b> for detailed Technical Specification.	


5(40)	Bosch Electric Blower, 1800W input	NO	<ul style="list-style-type: none"> <li>• Power Rating: 600 W</li> <li>• No Load Speed 0 - 16000 rpm</li> <li>• Cable length - 4 m</li> <li>• Air Flow - 3.5 m<sup>3</sup>/min</li> </ul> Special Features: <ul style="list-style-type: none"> <li>• Speed Control – Yes</li> </ul> Included Accessories: <ul style="list-style-type: none"> <li>• Dust bag - Yes</li> <li>• Blow nozzle</li> </ul>	
5(41)	Double-wheeled bench grinder machine	NO	<ul style="list-style-type: none"> <li>• Grinding wheel diameter: 150mm</li> <li>• Rated input power: 350W</li> <li>• Grinding wheel widths: 20mm</li> <li>• No-load speed: 3000rpm</li> <li>• Grinding wheel bore: 20mm</li> <li>• Grit: 24, 60</li> <li>• Weight: 10Kg</li> <li>• Tool dimensions (width): 175mm</li> <li>• Tool dimensions (length): 325mm</li> </ul> Tool dimensions (height): 200mm	

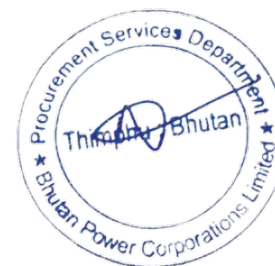




5(42)	MV Cable Jointing Preparation set	SET	<p>CNPT/631-1-MV-NG case containing following tools:</p> <ul style="list-style-type: none"><li>• MF2/60: Outer sheath and insulation cut</li><li>• MF1+/65: Non peelable semi-conductor removal</li><li>• SRC: For MF1+/25 tool, peelable semi-conductor cut with a chamfer at the end of insulation</li><li>• SCH: For MF1+/25 tool, to perform a chamfer at the end of the insulation</li><li>• ALROC-FENTE: To perform splits on the outer sheath</li><li>• ROTO-TMG: To maintain mechanical fitting connector and lugs</li><li>• GFE-TMG: For ROTO-TMG tool, tightening of the sheath and bending the sector shaped conductor</li><li>• K7/GRATT: For ROTO-TMG tool, abrasion of the outer sheath</li><li>• EV/NPT: Spreading the sheath</li><li>• EV630: Flaring out the outer sheath</li><li>• P115: To fix collars</li><li>• T630: Performing cones on the insulation</li></ul> <p>FULL CASE 50MM<sup>2</sup> TO 630MM<sup>2</sup> WITH TC630 <i>Compatibility with cables C33-223, NFC33-223, HN33S23</i></p> <p><b>Use:</b> CNPT/630-1-MV-NG to prepare entirely from 50 to 630 mm<sup>2</sup></p> <table><tr><td>Length</td><td>Width</td><td>Height</td><td>Weight</td></tr><tr><td>575mm</td><td>470mm</td><td>145mm</td><td>10kg</td></tr></table>	Length	Width	Height	Weight	575mm	470mm	145mm	10kg	
Length	Width	Height	Weight									
575mm	470mm	145mm	10kg									



5(43)	Compression Tool for LV 50/50 ABC	NO	<p>Two-stage hydraulic system, reducing the number of pumping. Quick opening and closing head, rotatable 180°. Reversible or simple interchangeable dies. Ball plunger can fit dies of 30 to 38 mm width. Automatic release with an audible “click” when force of 55kN is reached. Return of the piston by release trigger protected by moveable handle.</p> <p>Delivered in a plastic case (490x302x90 mm) which can contain 7 die sets. Manual, ergonomically designed, lightweight hydraulic tool for crimping of 4 to 185mm<sup>2</sup> connectors.</p> <table border="1"> <tr> <th>Force</th><th>Stroke</th><th>Hexagonal Crimping</th><th>Dimensions</th><th>Weight</th></tr> <tr> <td>55kN</td><td>13 mm</td><td>4&gt;185 mm<sup>2</sup></td><td>365x53x130mm</td><td>2.5kg</td></tr> </table>	Force	Stroke	Hexagonal Crimping	Dimensions	Weight	55kN	13 mm	4>185 mm <sup>2</sup>	365x53x130mm	2.5kg	
Force	Stroke	Hexagonal Crimping	Dimensions	Weight										
55kN	13 mm	4>185 mm <sup>2</sup>	365x53x130mm	2.5kg										



## Technical Specification of Item No. 5(39)

### 40 MM HEAVY DUTY PILLAR TYPE DRILL MACHINE

Specification	
DRILL CAPACITY IN STEEL	40 MM
NO. OF SPINDLE SPEED	8
SPINDLE SPEED IN RPM	45 – 1350
SPINDLE NOSE	MT-4
SPINDLE CENTRE TO PILLAR FACE	320 MM
SPINDLE TRAVEL	255 MM
SQURE TABLE SIZE	460 X 460 MM
MAX. DISTANCE FROM SPINDLE TO TABLE	500 MM
MAX. DISTANCE FROM SPINDLE TO BASE	950 MM
BASE SIZE (MACHINE AREA)	505 X 530 MM
OVERALL BASE SIZE	730 X 530 MM
PILLAR DIAMETER	120 MM
PILLAR HEIGHT	1435 MM
NO. OF “T” SLOT	4
OVERALL DIAMENTION	1815 L X 940 D X 530 W
V-BELT SECTION	B-65
MOTOR CAPACITY	1.5 HP (1440 RPM)
TYPE OF FEED	FINE FEED
WEIGHT OF MACHINE (APPROXX)	375 Kg

