

# VIKRANT

## SPECIAL MACHINES

### ACCESSORIES :

- Diehead with chaser holders
- HSS Chasers - as required
- Chaser setting gauge
- Operation & Maintenance manual
- Operation & Maintenance tools.

### SPECIAL ACCESSORIES

- Machine Lamp.
- Coolant system.
- Motorised pipe slitting device (upto 2" dia) for PVC pipe threading machines only.
- Nipple chuck & adaptors - specify sizes of nipples.
- Chaser grinding fixture
- Roller Pipe support



Chaser Holders

### :: TECHNICAL SPECIFICATIONS ::

MODEL	WPD-1(S)	WPD-2	WPD2E	WPD4	WPD-4-E
Bolts	3/16" - 1/2"	1/2" - 2"	1/2" - 1"	2 1/2" - 4"	--
Metric	M4-M12	M12-M50	M12-M25	M64-M100	--
Pipe threads	1/8" - 1/4"	1/2" - 2"	1/2" - 2"	2 1/2" - 4"	2 1/2" - 4"
Travel of carriage	115mm	350mm	100mm	350mm	250mm
Speed of Spindle	70 to 400/4	45 to 180/4	a) 160 & 250 b) 45 & 90	80 & 160	20 & 40
Power	2 HP	3 HP	a) 1 HP b) 2 HP	5 HP	3 HP
Diehead size	DH - 1	DH - 2	DH - 2	DH - 4	DH - 4
Chaser Holder	1 Set (F1)	2 Set (F1 & F2)	2 Set (F1 & F2)	2 Set (F3 & F4)	2 Set (F3&F4)

### Other Products from VIKRANT

1. Pipe & Bolt Threading machines-PD, OPD & PPT Series
2. Machinery for motor manufacture.
3. Hydraulic Elevating platforms - Scissor and Telescopic type.
4. Motorised Transfer car and Trolleys.
5. Welding Rotator and manipulators.
6. Special Purpose Machines [ SPM'S ] & Machine Tools.
7. Material Handling Equipment and Accessories.
8. Coil Winding Machines & accessories for Power & Distribution Transformer Industry.

NB: VIKRANT also manufacture "Job rotating, Diehead stationary" Threading machines-OPD & PPT series suitable for nipple threading. PPT model is portable version, suitable for at-site operation.

## VIKRANT SPECIAL MACHINES PRIVATE LIMITED

90, Nayapatty Road, Kolkata-700055

Ph.: 2551 3070 / 2550 1462, Mobile : 9831189283 Fax : 033-23377053

E-mail : vikrantspecial@rediffmail.com, website : vikrantspecial.com

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## SPECIAL MACHINES

### COMPACT & PRODUCTION MODEL TANGENTIAL THREADING MACHINE

#### WPD Series



**WPD2**



**WPD2E**

#### PRINCIPLE OF THREADING : DIE HEAD ROTATING & JOB STATIONARY :

#### Technical features :

- CI ribbed bed, Headstock, carriage & Vice guide stress relieved and accurately machined.
- Hardened & ground cylindrical guide ways with linear ball bush bearing for 'E' model.
- Heat treated alloy / medium carbon steel gears and shafts.
- Speed change by shifting gears and belts.
- Gears have generated tooth profile and ground bore.
- All shafts are toughened, ground & run on antifriction bearings.
- Precision machined, self opening tangential diehead, made of alloy steel, heat treated jigbored and ground.
- Precision machined & ground chaser holders. Chaser holder shanks are hard chromes.
- Vice jaws made of die steel, hardened & ground.
- Vice travels right upto Diehead for threading short & irregular shaped components.
- Long bent pipes, U pipes can be threaded.
- Pre-set length of threading.
- Length setting gauge.
- HSS 6-5-2 hardened tangential chasers. Size & cross section of chasers (L x W x Th)-100/75x25/16.2x13 mm.