



*Innovation through
Cutting Edge Technology*



Since 1990

SLOTTING - THREADING - PERFORATION

Manufacturers of PVC/PE PIPE's POST PRODUCTION MACHINE

BJS

Since 1990

Introduction

Schematic View of Borewell Pipe



BJS Engineers Pvt. Ltd. is a CE and ISO 9001:2015 Certified Company established manufacturing unit in Faridabad, the largest industrial township of NCR Delhi, just 30 K.M. away from Indira Gandhi International Airport, Delhi INDIA to cater the ever growing needs of Machinery and Spares for Plastic Processing Industries, worldwide.

Managing Director of the company having wide experience of Engineering Design, Manufacturing and Exports, since 1980 and owned well reputed M/s BJS Engineers under the sole proprietorship established in 1990, which merged in BJS Engineers Pvt. Ltd. in 2017. Other Directors are also well qualified engineers and joined family owned business to ensure a long lasting business relationship.

BJS is well known Manufacturer and Exporter of Plastic Processing Machinery for PVC/PE Pipes like Automatic

Slotting Machines, CNC Slotting Machines, CNC Pipe Threading Machine, **Double Head CNC Pipe Threading Machines with automatic loading/unloading**, Automatic Perforation Machines, Automatic Threading Machines, Offline Cutting Saw Cutters, Down Stream Equipments for pipe dia 12.7 to 1200mm and Spares in various designs and configuration to suit every customer's need. Based on QVS (Quality, Value & Service) more than 50% sales go overseas with repetition of orders.

BJS is well equipped with balanced manufacturing facilities, including SPM's meeting Most Modern Technology, quality, reliability and better performance.

All products are thoroughly inspected at all stage of manufacturing and meets stringent quality in line of ISO & CE norms. Our team consists of motivated and experienced professionals, who understand the demand

Quality

Value

Service

SPECIALISATION

Can Design, Configure and Supply any type of Special Machine in line of our manufacturing range, meeting customer's specific requirement.

Special Slotting Machines for PVC/PE/STEEL Pipes having features like slotting 2/3 or 1/2 Circumference, Slotting Zig-Zag Pattern, Longitudinal Slotting, Long Machines with 2,3 or 4 Slotting Heads, Full or Partially Servo based, Perforation for Corrugated Pipes, Pipe dia upto 1200mm, 3M, 4M, 5M, 6M or 12 Mtrs long or any other feature required.

Regular Participant of International Fairs :

PlastIndia - New Delhi, K- Dusseldorf-Germany, Arab Plast - Dubai, IPF - Dhaka, Plastvision - Mumbai & U.A.E. etc.



(However all data is carefully computed, we reserve the right to change specification / features without prior notice any time in interest of constant improvement.)

CNC High Speed Automatic Slotting Machine

BJS - SM - CNC



SPECIFICATIONS

Model	BJS-SM-CNC-40	BJS-SM-CNC-50	BJS-SM-CNC-100
Pipe Size Range	40mm	40mm & 50 mm	40, 50, 80 & 100 mm
Pipe Length	3 Mtrs	3 Mtrs	3 Mtrs
Main Motor For Cutter	5.5 Kw	5.5 Kw	5.5 Kw
Slotting Time/Cycle	2-2.5 Minutes	2-2.5 Minutes	2-2.5 Minutes
Power Consumption	12 Kw apprx.	12 Kw apprx.	12 Kw apprx.

Depending upon pipe dia, pipe thickness, cutter's thickness, cutter's sharpness
Pipe's compounding, slot length, cutter's penetration speed etc.

SOME SALIENT FEATURES

- Fast
- Accurate
- Servo Motors - 3 Nos.
- High Accuracy for small gaps
- Dust Collection system
- User friendly for ease of operation



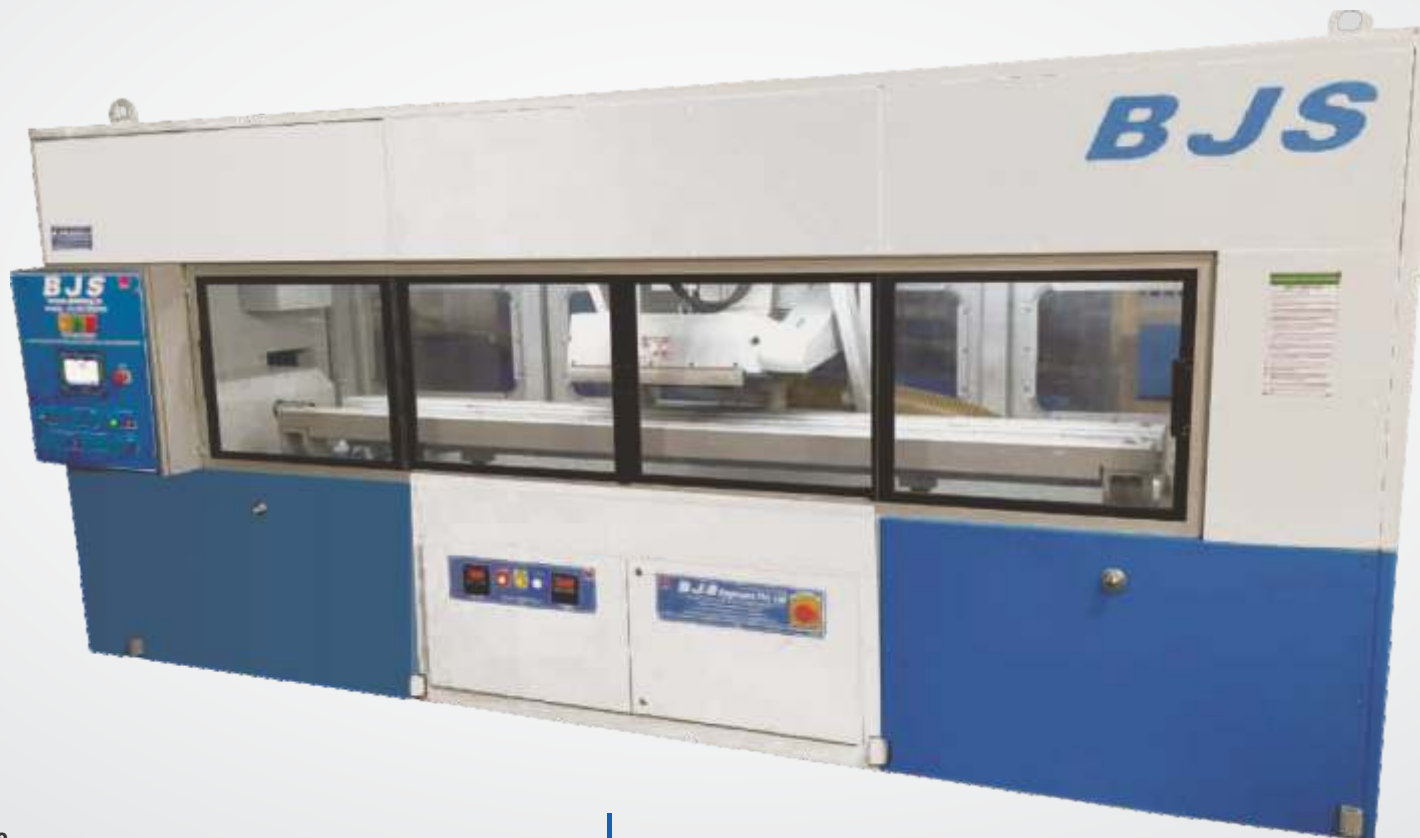
Slotting 0.2mm with Spacing 2.5mm



Since 1990

5th Gen. High Speed Automatic Slotting Machine

BJS - SM - 5G



www.slotting.in

SOME SALIENT FEATURES

- Fast & Accurate
- Powered pipe holder with collets for pipe indexing
- Trolley Traverse by Servo Motor & Servo Drive
- Poly Carbonate Front Cover with Sliding System
- Cutter Up/Down by Servo Electric Cylinder
- Dust Collection System
- User Friendly for Ease of Operating

OPTIONAL FEATURES

- Cyclone with Air Lock for DUST Discharge outside Machine

SPECIFICATIONS

Model	BJS-SM-SG-160	BJS-SM-SG-250	BJS-SM-SG-315	BJS-SM-SG-400
Pipe Size Range	40-160 mm	80-250mm	100-315	200-400
Pipe Length	3 mtr	3 mtr	3 mtr	3 mtr
Slotting Time/ Line in Min.#	1.0	1.0	1.0	1.0
Main Motor for Cutter	15 Kw	15 Kw	15 Kw	15 Kw
Power Consumption	20.50 Kw	20.50 Kw	20.50 Kw	20.50 Kw

Depending upon pipe dia, pipe thickness, cutter's thickness, cutter's sharpness, pipe's compounding, Slot Length, Cutter's Penetration Speed etc.

3rd Gen. High Speed Automatic Slotting Machine (with Cyclone)

BJS - SM - 3G



SOME SALIENT FEATURES

- Fast & Accurate
- Powered pipe holder with collets for pipe indexing
- Poly Carbonate Front Cover with Sliding System
- Dust Collection System
- User Friendly for Ease of Operating

OPTIONAL FEATURES

- Trolley Traverse by Servo Motor & Servo Drive
- Cutter Up/Down by Servo Electric Cylinder
- Cyclone with Air Lock for DUST Discharge outside Machine

SPECIFICATIONS

Model	BJS-SM-3G-160	BJS-SM-3G-250	BJS-SM-3G-315	BJS-SM-3G-400
Pipe Size Range	40-160 mm	80-250mm	100-315	200-400
Pipe Length	3 mtr	3 mtr	3 mtr	3 mtr
Slotting Time/Line in Min.#	1-2	1-2	1-2	1-2
Main Motor for Cutter	15 Kw	15 Kw	15 Kw	15 Kw
Power Consumption	18.75 Kw	18.75 Kw	18.75 Kw	18.75 Kw

Depending upon pipe dia, pipe thickness, cutter's thickness, cutter's sharpness, pipe's compounding, Slot Length, Cutter's Penetration Speed etc.

New Gen. High Speed Automatic Slotting Machine

BJS - SM - NG

Single Pipe Slotting



Twin Pipe Slotting - 2 Pipes at a time



SOME SALIENT FEATURES

- Fast & Accurate
- Dust Collection System
- User Friendly for Ease of Operating

OPTIONAL FEATURES

- Powered pipe holder with collets for pipe indexing
- Poly Carbonate Front Cover with Sliding System
- Trolley Traverse by Servo Motor & Servo Drive
- Cutter Up/Down by Servo Electric Cylinder
- Cyclone with Air Lock for DUST Discharge outside Machine

SPECIFICATIONS

Model	BJS-SM-NG-160	BJS-SM-NG-250	BJS-SM-NG-315	BJS-SM-NG-400
Pipe Size Range	40-160 mm	80-250mm	100-315	200-400
Pipe Length	3 mtr	3 mtr	3 mtr	3 mtr
Slotting Time/Line in Min.#	1-2	1-2	1-2	1-2
Main Motor for Cutter	15 Kw	15 Kw	15 Kw	15 Kw
Power Consumption	18.75 Kw	18.75 Kw	18.75 Kw	18.75 Kw

Depending upon pipe dia, pipe thickness, cutter's thickness, cutter's sharpness, pipe's compounding, Slot Length, Cutter's Penetration Speed etc.

SPECIFICATIONS

Model	BJS-SM-TP-160	BJS-SM-TP-250	BJS-SM-TP-315	BJS-SM-TP-400
Pipe Size Range	40-160 mm	80-250mm	100-315	200-400
Pipe Length	3 mtr	3 mtr	3 mtr	3 mtr
Slotting Time/Line in Min.	1-2	1-2	1-2	1-2
Main Motor for Cutter	15 Kw x 2 Nos.	15 Kw x 2 Nos.	15 Kw x 2 Nos.	15 Kw x 2 Nos.
Power Consumption	35 Kw	35 Kw	35 Kw	35 Kw

Depending upon pipe dia, pipe thickness, cutter's thickness, cutter's sharpness, pipe's compounding, Slot Length, Cutter's Penetration Speed etc.

New Gen. High Speed Automatic Slotting Machine (6 Mtrs.)

BJS - SM - NG

Open Top Model



- **SOME SALIENT FEATURES**
- Fast & Accurate
- Dust Collection System
- User Friendly for Ease of Operating

OPTIONAL FEATURES

- Powered pipe holder with collets for pipe indexing
- Poly Carbonate Front Cover with Sliding System
- Trolley Traverse by Servo Motor & Servo Drive
- Cutter Up/Down by Servo Electric Cylinder
- Cyclone with Air Lock for DUST Discharge outside Machine



SPECIFICATIONS

OPEN TOP MODELS

Model	BJS-SM-NG-160	BJS-SM-NG-250	BJS-SM-NG-315	BJS-SM-NG-400
Pipe Size Range	40-160 mm	80-250mm	100-315	200-400
Pipe Length	6 mtr	6 mtr	6 mtr	6 mtr
Main Motor for Cutter	15 Kw	15 Kw	15 Kw	15 Kw
Slotting time / Line in min.#	2-4	2-4	2-4	2-4
Power Consumption	18.75 Kw	18.75 Kw	18.75 Kw	18.75 Kw

Depending upon pipe dia, pipe thickness, cutter's thickness, cutter's sharpness, pipe's compounding, Slot Length, Cutter's Penetration Speed etc.



Since 1990

CNC Pipe Threading Machine

BJs - CNC - SPT | BJs - CNC - MPT

SOME SALIENT FEATURES

- Fast & Accurate
- User Friendly for Ease of Operating as not using G Code, M Code only parameter Feeding
- Using Hydro power for holding the pipe
- Auto Lubricant for Slide Bearing and Ball Screw Nut
- Fully covered from all sides with slide doors and viewing windows.



SPECIFICATIONS

SINGLE POINT TOOL

Model	BJs-CNC-SPT-050	BJs-CNC-SPT-100	BJs-CNC-SPT-160
Pipe Size Range	12.7-50 mm	40-100mm	80-160mm
Main Spindle Motor	3.7 Kw	5.5 Kw	5.5 Kw
Power Consumption	9.2 Kw	11 Kw	11 Kw

Controlled Supply

SPECIFICATIONS

MULTI POINT TOOL

Model	BJs-CNC-MPT-250	BJs-CNC-MPT-315	BJs-CNC-MPT-400	BJs-CNC-MPT-630
Pipe Size Range	125-250mm	150-315mm	200-400mm	250-630mm
Servo Motor for Axis	6.6 Kw	6.6 Kw	6.6 Kw	6.6 Kw
Main Motor for Cutter	5.6 Kw	5.6 Kw	5.6 Kw	5.6 Kw
Power Consumption	12.5 Kw	12.5 Kw	12.5 Kw	12.5 Kw

Controlled Supply



Double Head- 6 Axis Pipe Threading Machine

With Auto Loading / Unloading of Pipe

BJS - CNC - MPTT



www.bjsengg.com

SPECIFICATIONS

	BJS-CNC-MPTT-250	BJS-CNC-MPTT-315	BJS-CNC-MPTT-400	BJS-CNC-MPTT-630
Model	BJS-CNC-MPTT-250	BJS-CNC-MPTT-315	BJS-CNC-MPTT-400	BJS-CNC-MPTT-630
Pipe Size Range	125-250mm	150-315mm	200-400mm	250-630mm
Servo Motor for Axis	13.2 Kw	13.2 Kw	13.2 Kw	13.2 Kw
Main Motor for Cutter	5.6 Kw x 2	5.6 Kw x 2	5.6 Kw x 2	5.6 Kw x 2
Power Consumption	26 Kw	26 Kw	26 Kw	26 Kw

Controlled Supply

MULTI POINT TOOL

SOME SALIENT FEATURES

- Fast & Accurate
- User Friendly for Ease of Operating as not using G Code, M Code only parameter Feeding
- Using Hydro/Pneumatic power for holding the pipe
- Auto Lubricant for Slide Bearing and Ball Screw Nut
- Fully covered from all sides with slide doors and viewing windows.
- Automatic pipe loading and unloading



Since 1990

Multi Head Automatic Perforation Machine

BJS - PM - 4H



www.bjsengg.com

SOME SALIENT FEATURES

- Fast & Accurate
- Choice of No. of Drilling Heads, 4, 6, 8 or as required
- User Friendly for Ease of Operating

SPECIFICATIONS

Model	BJS-PM-4H-160	BJS-PM-4H-250	BJS-PM-4H-315	BJS-PM-4H-400
Pipe Size Range	40-160 mm	80-250mm	100-315	200-400
Pipe Length	3 mtr or 6 mtr	3 mtr or 6 mtr	3 mtr or 6 mtr	3 mtr or 6 mtr
Drill Motor each	1.1Kw x 4 Nos.	1.1Kw x 4 Nos.	1.1Kw x 4 Nos.	1.1Kw x 4 Nos.
Power Consumption	6 Kw	6 Kw	6 Kw	6 Kw

Other Allied Machines

Big Bore LATHE MACHINE



SOME SALIENT FEATURES

- Fast & Accurate
- Single Casted Heavy Duty Bed
- Semi Norton Type Gear Box for Heavy Load
- Specially Designed Collet or Big Bore Dog Chuck
- Drum Pulley Outside Head for ease of Belt Changing
- a laborious job of heavy Spindle removal
- Stand for rear side of Head for stay of Long pipes

SPECIFICATIONS

Model	BJS-LM-315	BJS-LM-400	BJS-LM-520	BJS-LM-630
Pipe Size Range	160-315 mm	200-400mm	250-520mm	315-630mm
Main Spindle Bore	360mm	458mm	558mm	690mm
Main Motor for Cutter	5.5Kw	5.5Kw	5.5Kw	7.5Kw
Flange dia max.(if required)	800	1000	1200	1600

Automatic Chamfering Machine



SOME SALIENT FEATURES

- Fast & Accurate
- User Friendly for ease of operation
- PLC Based, Full Flexible in settings

SPECIFICATIONS

Model	BJS - CM -160	BJS - CM -250	BJS - CM -315	BJS - CM -400	
Pipe Size Range	20-160mm	80-250mm	110-315mm	160-400 mm	
Main Motor for Cutter	1.5 Kw	2.2 Kw	2.2 Kw	3.7 Kw	A.C. Variable
Cutter Feeding	1.5 Kw	1.5 Kw	2.2 Kw	2.2 Kw	A.C. Variable
Power Consumption	3 Kw	3 Kw	4.4 Kw	5.9 Kw	

World Wide Presence

BJS

Since 1990



Exporting to :

France, USA, Poland, Australia, Singapore, Morocco, Saudi Arabia, UAE, Iran, Bangladesh, Kenya, Madagascar, Tanzania, Uganda, Burkina Faso, Liberia, Latvia, Namibia, Zambia, Mozambique, Ghana, Nigeria, Malawi, Ethiopia...

BJS ENGINEERS PRIVATE LIMITED

Regd. Office & Works : E-76 & 77, Sanjay Colony, Sector 23,
Faridabad - 121005 (HR.) INDIA

CIN : U29253HR2014PTC052311

Phone : +91 - 9873926696
+91 - 9810526696
+91 - 9891926696

Skype : jagjit.bjs

E-mail : bjsengineerspvtltd@gmail.com
bjsengineerspvtltd@yahoo.in



ISO 9001:2015 Certified Company

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