

Roller-bed-type Pipe Flame Cutting & Beveling Machine



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Model : BPFBM-24A1/A2

Performance Characteristics

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1. On-line Performance: Good (designed for flow process)
2. Beveling Capacity: ≤ 5 Min/ pipeline (DN200 SCH40) (A1) or ≤ 6 Min/ two pipelines (DN200 SCH40) (A2)
3. Cutting Capacity: one A1 Beveling per time or two A2 Beveling per time
4. Beveling: high quality
5. Price: between Pipe Cutting and Beveling Machine-Fixed (Radial Direction) and Pipe Cutting and Beveling Machine-Fixed

Technical Parameter:

1. Pipe diameter: DN100-600 ($\phi 114-610$)
2. Pipe thickness: 3-40
3. Pipe materials: carbon steel, alloy steel and cryogenic steel.
4. Type Of Bevel: V
5. Cutting Length: 6350MM
6. Cutting Direction: radial direction
7. Rolling Machine :
Structure: Double-roller with fixed distance
Rolling Machine Length : 7000MM
Driving System: servo motor with precision reducer
Rotation Speed : 0-2.5M/Min (stepless speed regulator of frequency conversion)
Rolling Machine Material : 45# , surface with flange
Rotation Accuracy : < 2.0 MM
8. Trolley System :
Trolley Trip : 6350MM , vertical move
Cutting Torch Trip : 700MM (Ascending-descending) 、 300MM (In and Out)
Cutting Mode : Flame
Cutting Torch Angle : $\pm 35^\circ$

Cutting Torch Quantity: one piece(A1) or three pieces(A2)

Tracking System : high precision

Angle Error : $<2^{\circ}$

Length- determination System : $<2.0\text{MM}$

9. Clamping System: hydraulic cylinder, manual silk pole

10. Control System: SH-2000H NC Flame Cutting System

11. Control System of a Definite Length: Included in control system

12. Logistics System: Logistic System with elevator , driven by motor or electric