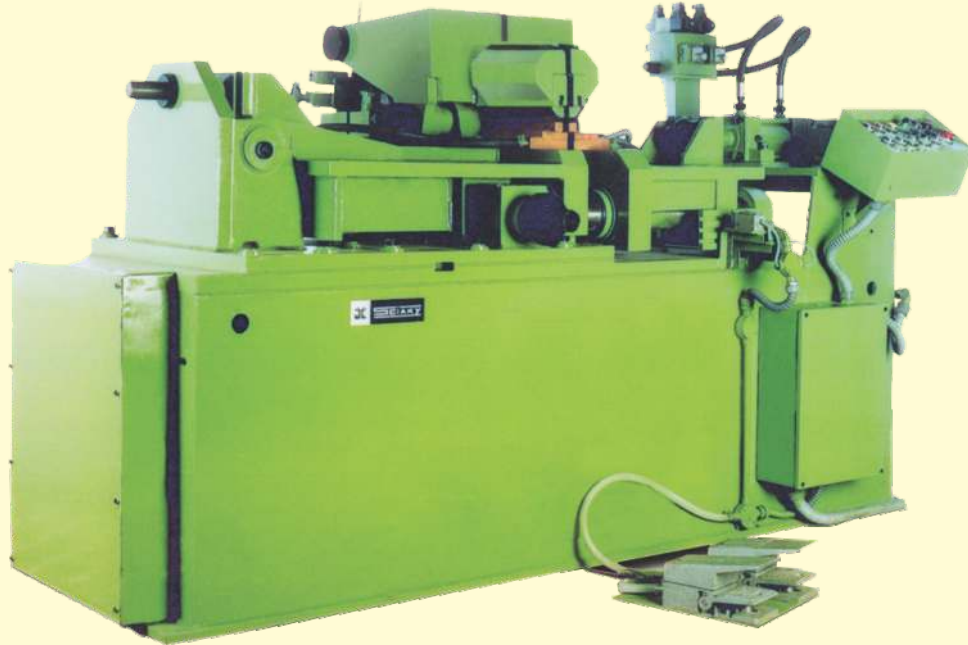


Hydraulic Flash Butt Welder



JAYA HIND SIAKY Hydraulic Flash Butt Welders are designed for Heavy Duty application & High Strength Welding of joints with Large Cross Section.

Construction :

- ▶ Rigid Fabricated Frame - Minimum Deflection
- ▶ Encapsulated Welding Transformer - Longer Life
- ▶ Low impedance Secondary Circuit - Higher Welding Capacity

Features :

- ▶ Direct acting lever arm clamps with cylinders placed away from flashing zone.
- ▶ Low friction, accurately aligned movement of Platen.
- ▶ Hydraulic power pack for positive clamping and upsetting under high pressure.
- ▶ Controller flashing through flow control.
- ▶ Accurately machined toolings to match with component profile.
- ▶ Automatic machine sequence control with PLC for high productivity.
- ▶ Thyristor power control with tap switches on transformer for optimum weld joint strength

Applications :

Auto Components
Chain Link
Tools
Wheel Rims

Gear Shifter
Ring Gear
Steering Columns
Tractor Links

Hydraulic Flash Butt Welder

Machine Data

Machine Type		FBH 100	FBH 150	FBH 250
Rating at 50% duty cycle	KVA	100	150	250
Clamping force	Kgs	6000	12000	18000
Upsetting force	Kgs	4000	8000	12000
Maximum Capacity				
Low Carbon Steel (Expanded Section)	Sq.mm	650	1300	2000
Low Carbon Steel (Compact Section)	Sq.mm	375	750	1200
Medium Forging Grade Steel	Sq.mm	320	650	1000

Machine Installation Data

Power Supply		Volts	415	415	415
		Freq (Hz)	50	50	50
		Phase	1 (2 Lines)	1 (2 Lines)	1 (2 Lines)
Disconnect Fuse (HRC) Rating		Amps	250	300	400
Supply Cable Size	Cu - 1 Core	mm ²	185/Line	185/Line	300/Line
	Al - 3 Core	mm ²	300	300	400
Water Supply (Pressure 3 kg./cm ²) Soft Water (Inlet Temp. <300C)		Lit /min.	40	45	50

Machine Size

Dimensions	Height	mm	1500	1900	1900
	Width	mm	900	1100	1100
	Length	mm	1850	2500	2500
Weight (approx.)		Kgs.	3500	4000	4500

**Specifications and dimensions are subject to change in accordance to our policy of continuous improvement.*

RaIlWolf Weldings Limited

(Continuing the 45 years legacy of Jaya Hind Sciaky Ltd.)

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