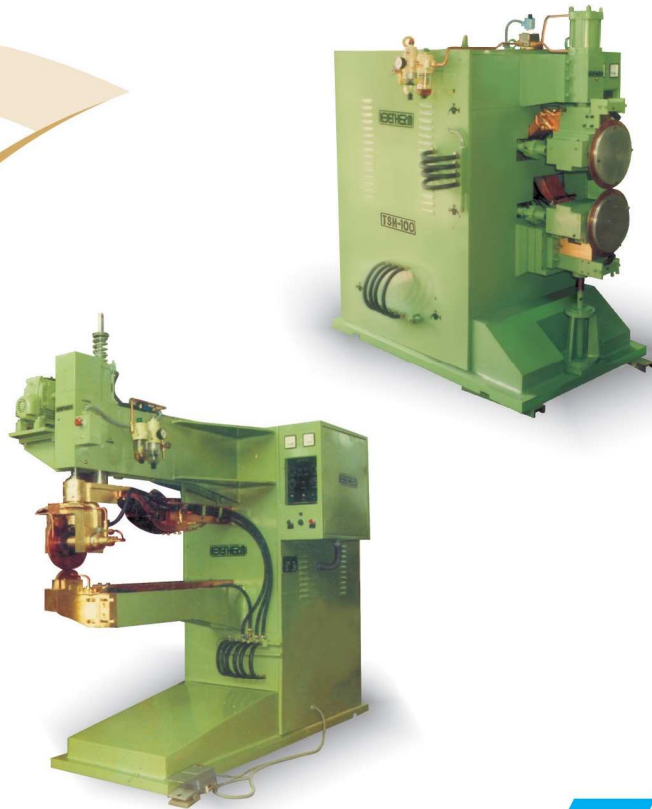


SEAM WELDING MACHINE

RANGE : 50 to 200 KVA



KEJETHERMOWELD EQUIPMENTS PVT. LTD.

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KEJETHERM

► Introduction

Most industries are facing the problem of achieving leak proof joints quickly, economically and with minimum distortion. The solution is 'KEJETHERM' Pneumatically operated Seam Welding Machine for an uninterrupted weld run which results in a positive leakproof joint. To obtain true economy in production costs and utilize its advantages to the full, 'KEJETHERM' range of air operated Seam Welders are of modern design and incorporate a variety of alternative features ensuring that a suitable machine is available for every seam welding application within the range.

"KEJETHERM" Seam Welding Machines are useful in the manufacturing of :

Cars, Buses, Trucks' Scooters, Autorickshaws, Drums, Container, Barrels, Cans, Silencers, Water Tanks, Fuel Tanks, Shells, Water Heaters, Electric Appliances, Textile Machines, Transformers, Motors, Television etc.

► Special Features

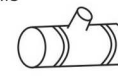
- Fan cooled transformer having core of high grade silicon steel.
- Thyristor controlled electronic timer with electronic heat control, to give heavy duty high speed operation, providing smooth, stepless and accurate adjustment of the welding current.
- High quality roller bearings carrying the roller shafts, guaranteed longer-life of the roller heads.
- Minimum wear of the electrode wheels due to efficient cooling system.
- Study drive shafts ensure nonslip drive.
- Leak proof joints at much lower costs, than conventional welding.

► Technical Specifications of Seam Welders

Model	Units	TSM-50	TSM-75	TSM-100	TSM-150	TSM-200
• Nominal capacity at 50% duty cycle	KVA	50	75	100	150	200
• Continuous rating of transformer	KVA	35	55	70	110	140
• Supply voltage 1 phase 50 Hz	V	415	415	415	415	415
• Switch Fuse	A	125	200	250	400	500
• Current Taps	Nos	6	6	6	6	6
• Throat Depth Std	mm	460	600	600	600	600
• Welding capacity : mild Steel combined thickness (Min - Max)	mm	1.2 - 2	1.6 - 2.5	2 - 3.2	2 - 4	2 - 5
Throat Gap (Min)	mm	300	300	300	350	350
Standard Stroke	mm	100	100	100	150	150
Air Pressure	Kg/ Cm ²	3-6	3-6	3-6	4-8	4-8
• Electrode Force at 5 kg/Cm ²	KGF	450	450	450	950	950
Air Consumption /Stroke (Max)	Ltr.	1.6	1.6	1.6	3.5	3.5
• Water Supply at 2.5 kg /Cm ²	Ltr. / Min	20	30	40	50	60
Upper electrode Dia /Thick	mm	250/12	250/12	250/16	250/16	250/16
Upper electrode Speed 100%	m/min.	1.5	2	2	2	2
Drive Motor DC	HP	0.5	1	1	1.5	2
• Dimensions Overall:						
Height	mm	1900	1900	1900	1900	2000
Width	mm	900	950	1000	1000	1200
Length	mm	1500	1600	1750	1750	1750
• Weight approx with Standard Throat Depth	Kgs.	1100	1300	1600	1900	2200



DRUMS



DIESEL TANK



WATER HEATERS



SILENCERS



Note: The information and illustration in this catalogue are subject to alterations due to constant endeavour to update design