

## 2.4 Overview of the Main Technical Specifications

	Value
Lift table travel	900 mm
Maximum insertion height	1490 mm
Clearance between lift table and vibration head	1490 mm
Maximum mass of the upper tool	90 - 160 Kg
Tool plate parallelism	±0,1 mm
Maximum contact pressure up to	25 kN
Welding frequency	100 Hz
Maximum welding amplitude	2,0 mm
Welding surface (dependent on material) up to	450 cm <sup>2</sup>
Typical welding time	2 - 8 s
Typical hold time	2 - 8 s

Tab. 2.2 Main important technical specifications of machine

Vibration head	Value
Type	ACT 401-030
Power	30 kW
Output voltage	3 x 0 - 460 V
Effective nominal current I	75 A
Overload for 60 s	1,2 x I

Tab. 2.3 The main technical specifications of vibration heads