

schmoll asia pacific

Multiple Lightsource
365, 380, 395, 405
(420)nm
NEW

Resolution
30µm L/S, SRO=<60µm
NEW

High Power
Beam Technology
LED Light
NEW

XXL Format
24.8″x36″
54″x36″
Tandem



Download now

NEW
Highly Dynamic
Autofocus with up to 11mm Thickness

Industry 4.0
Smart Factory Automation

NEW
Full Automatic
Clamping System

NEW
Suitable for
White, Black, Green Ink

MDI-TTG-SolderBeam
Soldermask Direct Imaging

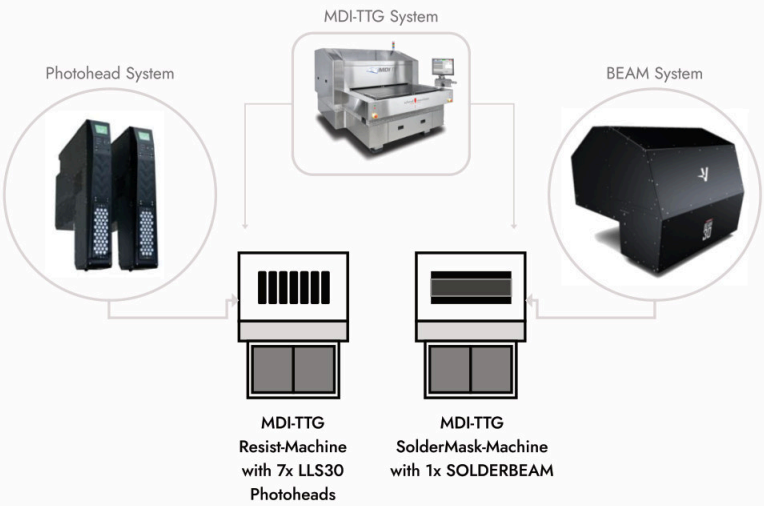
MADE IN GERMANY

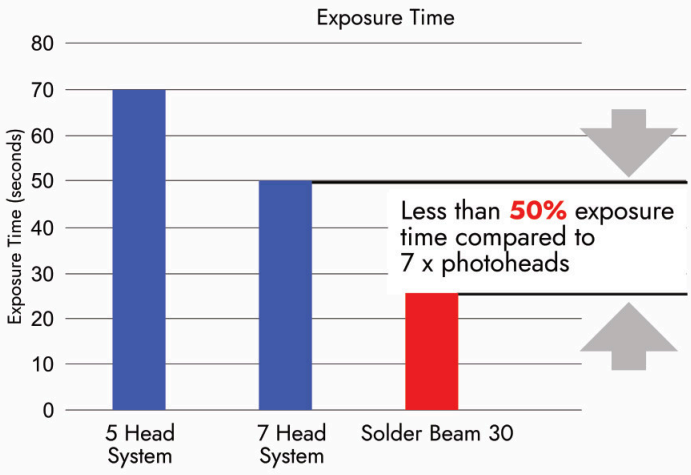
Rev. 02/2025

SPECIFICATIONS

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Technical Data	
Machine Type	MDI-TTG
Machine Dimensions	2900 x 2120 x 1830 mm
Footprint	6.15 cm^2
Machine Weight	Ca. 4500 kg
Machine Platform	Solid Granite
Tables	Tandem Table Concept with 2 x Tables
Working Format Tandem	Max. 24.5" x 36" (Each Table)
Working Format Large Panel	Max. 54" x 36" (Gantry Mode, Both Tables Combine)
Light Engine	Photohead with UV-LEDs
Wavelengths	4 Wavelenghts: 365 to 420 nm
CCD Alignment Accuracy	<2µm
Max. System Accuracy	Registrated ± 10 µm
Environment Temperature	20-22ºC + 1ºC
Humidity	50 - 60%
Power Connection	400 V 50/60 Hz
Power Consumption	9.2 kVA (7 x Photoheads)
Compress Air	Min. / Max. 6/8 Bar, Oil Free
Air Consumption	8.1 m^3/h
Automation	In-Line (Conveyor to Conveyor) Solutions Available





Application example: Solder ink at 600mJ/cm^2

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