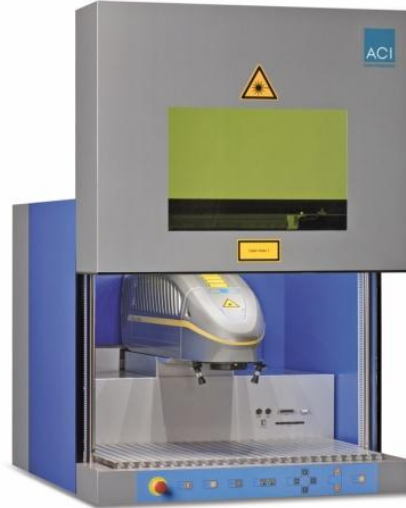
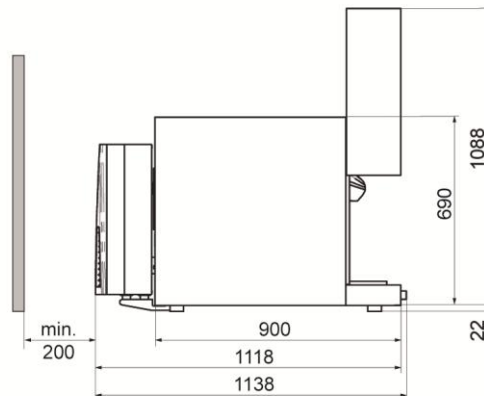
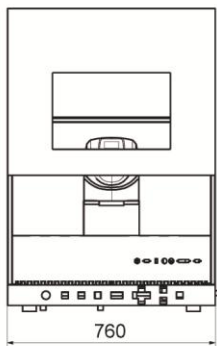
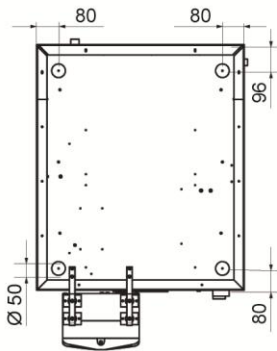


Product: **Workstation COMFORT**

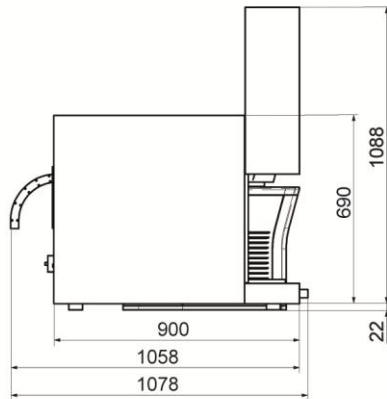
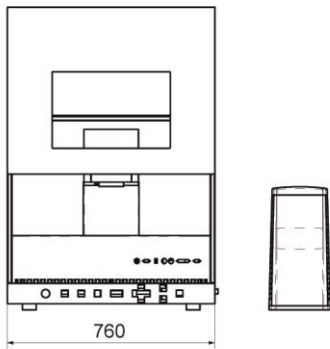
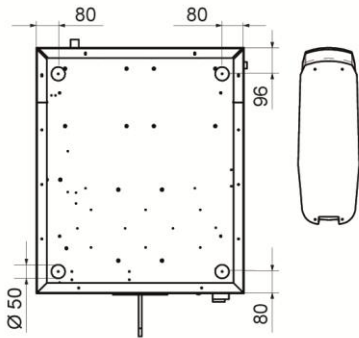


Laser marking system (optional)	Business CO2: Economy Diode: Business Diode: Economy/Business Fibre:	CO Two Marker DPL Smart Marker DPL Magic/Genesis/Nexus Marker DPL Fortis Marker DPL Nobilis/Lexis Marker DFL Ventus Marker		
Usable mounting area of the T-slot plate W x D	600 mm x 400 mm			
Adjusting the height with the focus finder function	Motorized Z axis: linear axis with stepper motor drive Stroke length: 140 mm Operation: integrated membrane keyboard/operating software Focus finder: 2 pilot laser diodes			
Positioning and repetition accuracy	X and Y axis: < ± 0.075 mm Z axis: < ± 0.15 mm			
Max. component heights and marking fields	Laser group	Objective	Max. component height	Marking field
	Business CO2	CO2 Marker 100	270 mm	50 mm x 50 mm
		CO2 Marker 150	218 mm	90 mm x 90 mm
		CO2 Marker 250	110 mm	150 mm x 150 mm
	Economy Diode/ Business Diode IR	F-Theta 100	222 mm	60 mm x 60 mm
		F-Theta 163	140 mm	110 mm x 110 mm
	Business Diode GN	F-Theta 160	150 mm	100 mm x 100 mm
	Business Diode UV	F-Theta 162	112 mm	95 mm x 95 mm
Economy/Business Fibre	F-Theta 163	160 mm	110 mm x 110 mm	
Maximum working areas	the working areas correspond to the physical marking fields of the laser systems (X and Y axes are not possible).			
Safety door	automatically movable			

Dimensions of the laser protection screen W x H	450 mm x 300 mm	
Specification of the laser protection screen	CO2 laser:	10600 nm DI LB 4 (DIN EN 207)
	Nd:YAG laser:	1064 nm D AB6 IR AB7 (DIN EN 12254)
	Nd:YVO4 laser:	532 nm/355 nm 180 - 535 OD 5+ (DIN EN 12254)
	Yb:fibre laser:	1040 - 1100 nm D AB6 IR AB6 (DIN EN 12254)
		>1100 - 1185 nm D AB6 IR AB6 (DIN EN 12254)
		>1185 - 1215 nm D AB5 IR AB5 (DIN EN 12254)
Lighting	integrated workroom lighting	
Extraction	connection for external extraction unit is ready	
Cooling	Integrated industrial air-conditioning of the workroom (without fiber laser)	
Operation	integrated membrane keyboard/operating software	
Laser protection class	1	
Power supply	230 V/8 A/50 Hz, 110 V/16 A/60 Hz	
Power consumption (typical)	max. 400 W plus laser marking device (max. 600 W) and air conditioner (max. 600 W)	
External backup fuse required	230 V: 8 A, 110 V: 16 A	
Interface	USB 2.0	
Operating temperature, air humidity	15°C - 35°C, 30% - 85%, non-condensing	
Weight	75 kg (without laser marking device and air conditioner)	
Dimensions L x W x H	max. 1078 mm x 760 mm x 712 mm	



Variant for laser marking devices
Business CO2 and **Economy/Business Diode**



Variant for laser marking devices
Economy/Business Fibre