Workstation material shuttle

00137599

- Parts positioned within grab area of workstation
- Short conversion times with quick exchange of pre-picked material shuttles
- Can be equipped and sized to meet specific requirements
- Available as ESD-conductive version
- Version: fully assembled or as a kit for self-assembly
- Optional information board for supplying information directly at location
- Adjustable material shelf height, offset, and tilt to ensure ergonomic grabbing
- Basic material shelves (see pages 26, 179) includes lettering clip; various plates available
- Castors: ball bearing, with locking mechanism
- Can be used in combination with workstation (see page 22) or for supplying materials in conjunction with the manual linking system EcoFlow

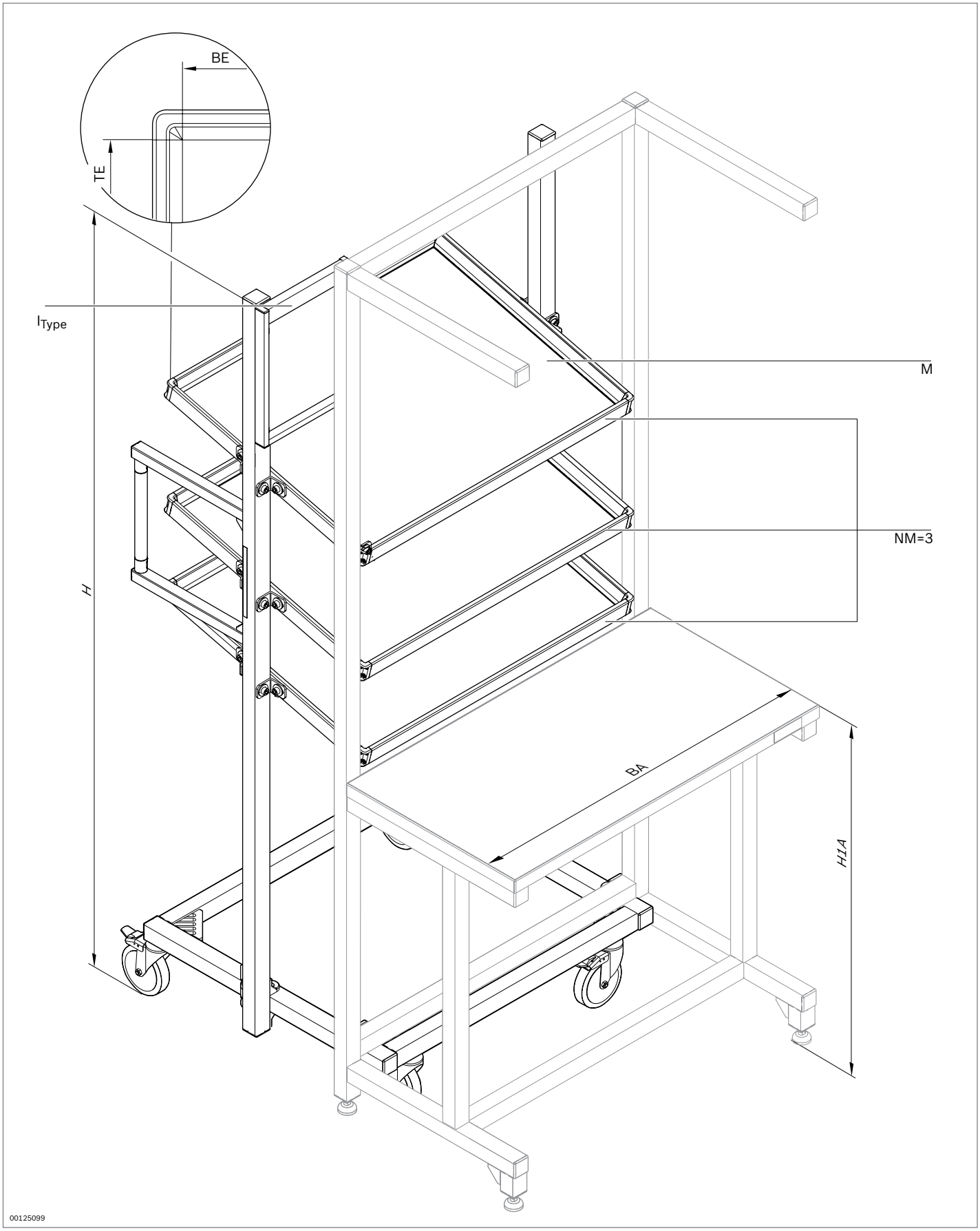
Accessories:

- Rubber profile to protect against heavy impacts when positioning the material shuttle (see page 28)
- Swivel fastening for tilting the material shelf (see page 178)

For workstation design and planning, we recommend MT*pro!* See pages 12 and 13 for more information.

See also technical data (page 210 ff.)

Workstation material shuttle		**3 842 998 231**
A	Version	Disassembled, assembled
ESD	Conductivity	Yes, no
H	Material shuttle height	600 ... 2200 mm
H1A	Work surface height	410 ... 1500 mm
NM	Number of material shelves (Basic)	0 ... 4
M	Material shelf material	3 different surface materials
BE	Material shelf width	250 ... 1480 mm
TE	Material shelf depth	410 ... 1220 mm
I_{typ}	Information board	7 different information boards


BE
TE
l_{Type}
H
M
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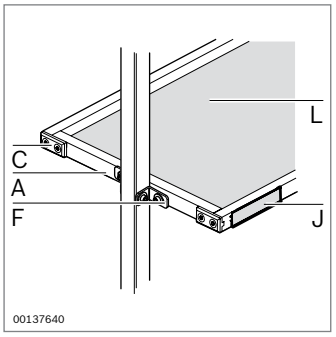
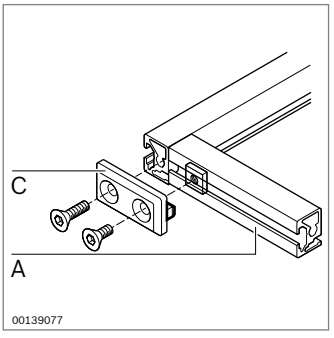
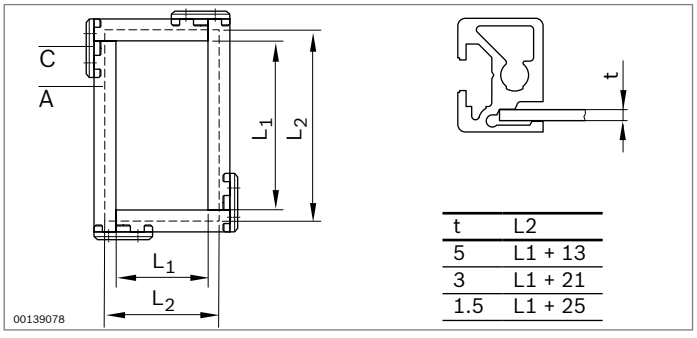
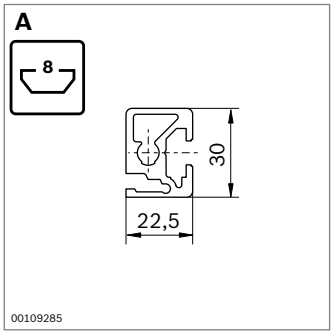
Material shelf assembly elements

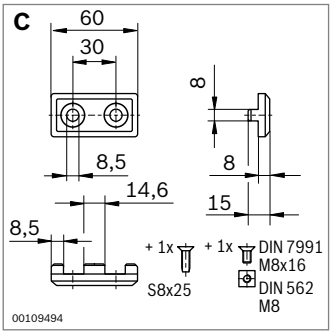
Material shelf Economic

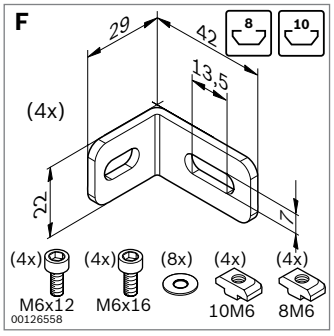


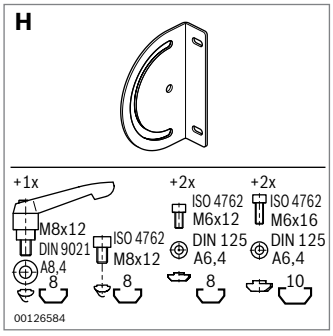


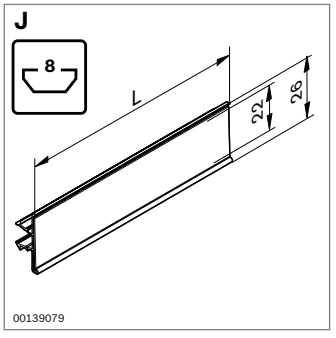


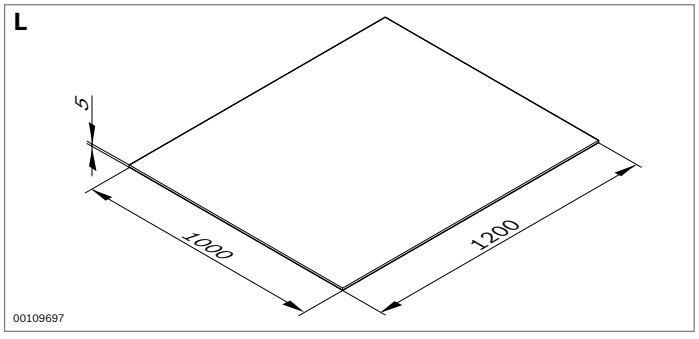






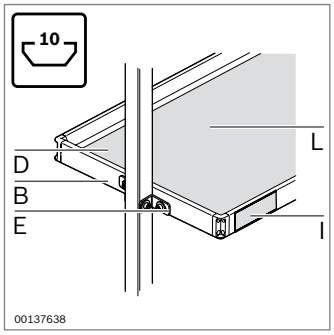


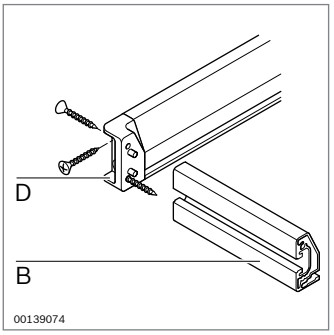


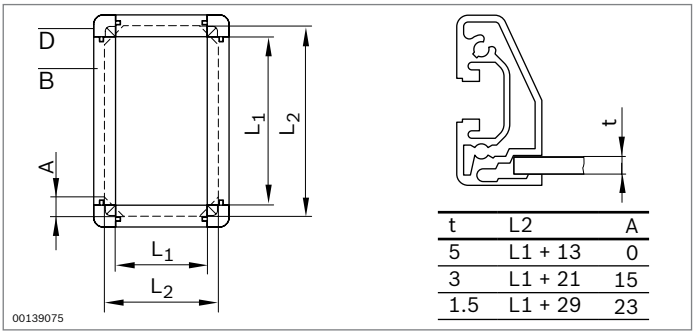


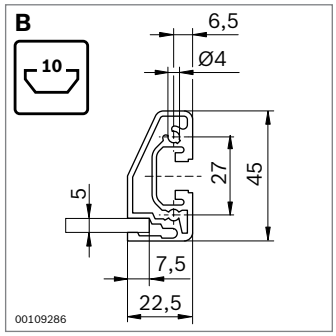
		L (mm)			ESD	No.
A	22.5x30 frame profile; material: aluminum; anodized	30 ... 5600	1			**3 842 992 493/L**
		5600	20			**3 842 515 229**
C	22.5x30 corner piece; material: PA; black			20	ESD	**3 842 554 709**
	22.5x30 corner piece; material: PA; gray			20		**3 842 554 708**
F	M6 bracket set, incl. fastening material for 8/10 mm slot; material: steel; galvanized			Set		**3 842 537 862**
H	Swivel fastening, incl. fastening material for 8 mm slot; material: steel; galvanized			Set		**3 842 538 275**
J	Lettering clip for 8 mm slot; material: PVC	2000		20		**3 842 537 113**
		102		20		**3 842 537 650**
L	Plate for frame profile; material: PP; gray, smooth on one side, textured on the other					**3 842 516 837**
	Plate for frame profile; material: SB; black, smooth on both sides				ESD	**3 842 516 838**

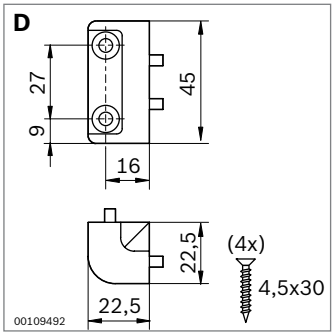
Basic material shelf

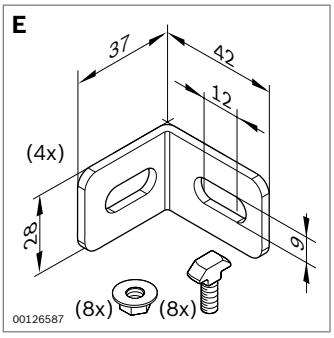


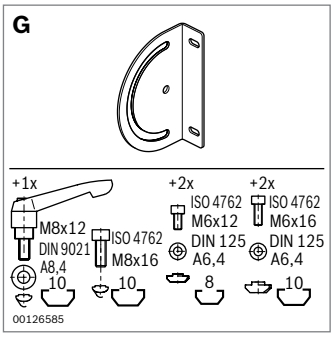


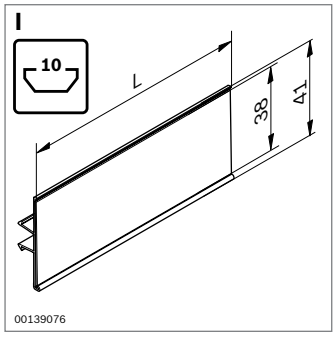


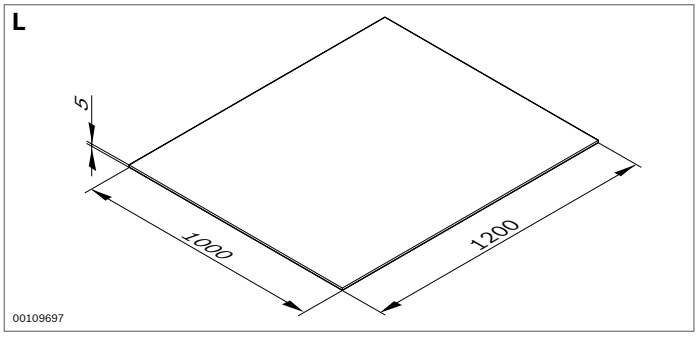






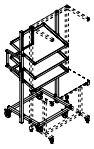
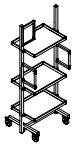






		L (mm)			ESD	No.
B	22.5x45C frame profile; material: aluminum; anodized	30 ... 5600	1			**3 842 992 411/L**
		5600	20			**3 842 508 102**
D	22.5x45 corner piece; material: diecast zinc			20	⚠	**3 842 535 637**
E	M6 bracket set, incl. fastening material for 10 mm slot; material: steel; galvanized			Set		**3 842 537 861**
G	Swivel fastening, incl. fastening material for 10 mm slot; material: steel; galvanized			Set		**3 842 538 276**
I	Lettering clip for 10 mm slot; material: PVC	2000		20		**3 842 537 116**
		102		20		**3 842 537 651**
L	Plate for frame profile; material: PP; gray, smooth on one side, textured on the other					**3 842 516 837**
	Plate for frame profile; material: SB; black, smooth on both sides				⚠	**3 842 516 838**

Material shuttles

Version	Max. total weight of workstation material shuttle	Max. total weight of logistics material shuttle
		
Normal	4200 N	4200 N
ESD	4000 N	4000 N

Workstation material shuttle
Logistics material shuttle

$F_{\Sigma} = F_{M} + F_{Z}$

F_{M} = Material shuttle weight
F_{Z} = Load

3 842 998 231 (see page 144)
3 842 998 230 (see page 146)

	T_E (mm)	**1220**	**1220**	**840**	**765**	**1000**	**1000**	**840**	**765**
	B_E (mm)	**1480**	**840**	**1480**	**840**	**1000**	**840**	**1000**	**840**
Plate: aluminum	**F_B** (N)	700	700	700	1000				
Plate: PP, SB	**F_B** (N)					250	280	280	360

F_B is a distributed load and may not occur as a point load.