A complete tool system within 0.5 m².

FESTOOL

Semi-stationary work 05

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Creating complex workpieces requires numerous manual work steps and a well-equipped workshop, which is what the unique Compact Module System CMS from Festool offers you. A surface area of only 0.5 m² provides space sufficient for a wide range of applications. From sawing to routing – anything is possible with this flexible, well thought out system. And the MFT 3 multifunction table is also an ideal addition or flexible individual solution when used as a mobile workplace.

The Compact Module System CMS – Infinite possibilities.

Select the CMS router module and the correct routing bit to rout different shapes with ease.

When building a cupboard or a table, knowledge and skill would be useless without the right tools for the job.

We developed the Compact Module System to prevent your workshop from becoming cluttered up with machines. This sophisticated modular system helps keep things tidy and with only one basic unit and various individual work modules, you can complete a variety of tasks: routing; sanding; sawing with circular saws and jigsaws. The system is so flexible and simple that you can restrict a complete set of equipment to a small space but have it all right at your fingertips.

Benefits at a glance:

- Different modules for every application
- Quick tool changes
- Can be upgraded at any time
- Robust but lightweight design
- Hand-guided Festool machines can also be mounted on a bench
- The MFT 3 multifunction table as a flexible individual solution

Modules can be inserted and removed more easily.

The built-in machines can be used not only as bench-mounted tools, but also as hand-held tools – for flexible working.

FESTOOL The system

The basic unit forms the basis of the Compact Module System and provides a sturdy frame for all modules

The modular system.

The right module for every job. Saws and routers can be removed and then used for mobile applications.

Storage system.

Keeping things nice and tidy: store individual modules safely in the module tower.

Application overview – CMS and MFT

Maximum cutting depth	Circular saws		Jigsaw	Routing		Belt sander	Multifunction table
	CMS-TS 55 51 mm	CMS-TS 75 70 mm	CMS-PS 300 120 mm	CMS-OF	TF 1400/2200	CMS-BS 120	MFT 3
Cutting panels	●	◑					●
Cutting laminate	●	◑					●
Trimming non-ferrous metal profiles	●	◑					●
Trimming plastic profiles	●	●					●
Rip cuts in boards	◑	●					
Rip cuts in panels	◑	●					
Cutting hidden grooves	○	○					●
Cutting rebates	○	○					
Cutting square timber to size	◑	●					
Angled cuts 0 – 180°	●	●					
Cutting plastic cable ducts to size	○	●					●
Cutting steel cable ducts to size		●					●
Cutting tongue and groove boards	●	◑					●
Cutting slot joints	◑						
Cutting mortise and tenon joints	●	●					
Mitring picture frames	●	●					●
Cutting accurately on the scribe line			●				
Cutting curved recesses			●				
Trimming work	●		●				
Routing shapes using a template				●	●		
Cutting curves and profiles at the stop				●	●		
Cutting curves and profiles at the guide ring				●	●		
Cutting joints				●	●		
Cutting rebates				●	●		
Cutting grooves				●	●		
Sanding edges						●	
Sanding chamfers						●	
Sanding shaped workpieces						●	
Coarse						●	
Fine sanding						●	

○ Appropriate   ◑ Very appropriate   ● Extremely appropriate

Accessories system.

An extensive range of accessories broaden the application areas of the Compact Module System even further

Accessories from page 84

Guide system.

The guide system by Festool is the only way to produce precise, splinter-free cuts.

Guide systems from page 291

Extraction system.

Clean results both in the workshop and on the construction site with Festool mobile dust extractors.

Mobile dust extractors from page 263

Bench saw module CMS TS 55

Main applications

- Sliding table for precise trim cuts and cross cuts up to 830 mm in length
- Quick changeovers between cross-cutting and rip-cutting
- Angled cuts from 0° to 45° due to inclined position of the saw blade
- MMC electronics and variable speed control allow you to machine a wide range of materials

Strengths and benefits

- Bench saw for a wide range of applications
- FastFix for quick and easy saw blade changes and adaptation to the working material
- Circular saws can be installed or used portably
- Extendable thanks to extensive range of accessories

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Power consumption	1200 W
Saw blade speed	2000-5200 min^{-1}
Saw blade diameter	160 mm
Cutting height 90°/45°	0-51/0-38 mm
Connection Ø d/e	27/36 mm
Dimensions module support	578 x 320 mm
Weight module support	3,3 kg
Weight	4,5 kg
Total weight	7,8 kg

= with MMC electronics

Bench saw module CMS TS 75

Main applications

- Sliding table for precise trim cuts and cross cuts up to 830 mm in length
- Quick changeovers between cross-cutting and rip-cutting
- Angled cuts from 0° to 45° due to inclined position of the saw blade
- MMC electronics and variable speed control allow you to machine a wide range of materials

Strengths and benefits

- Bench saw for a wide range of applications
- FastFix: quick and easy saw blade changing and adaptation to the working material
- Circular saws can be installed or used portably
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Power consumption	1600 W
Saw blade speed	1350-3550 min^{-1}
Saw blade diameter	210 mm
Cutting height 90°/45°	0-70/0-48 mm
Connection Ø d/e	27/36 mm
Dimensions module support	578 x 320 mm
Weight module support	3,3 kg
Weight	6,2 kg
Total weight	9,5 kg

= with MMC electronics

Profile saw module CMS PS 300

Main applications

- Cutting accurately along the scribe line
- Precise coping during trimming work
- Cutting curves easily, safely and precisely
- Preliminary cutting work prior to routing shapes

Strengths and benefits

- Safe three-way saw blade guide for precision work
- MMC electronics for variable speed and adaptation to the working material
- Dust extraction for clean and healthy working conditions
- Jigsaw PS 300 is easy to remove and can be guided by hand, giving more flexibility
- Splinterguard for splinter-free cuts

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Power consumption	720 W
Stroke rate	1000-2900 min^{-1}
Cutting depth in wood	120 mm
Connection Ø d/e	27 mm
Dimensions module support	578 x 320 mm
Weight module support	3,3 kg
Weight	2,4 kg
Total weight	5,7 kg

= with MMC electronics

Bench-mounted routers TF 1400 and TF 2200

Main applications

- All kinds of routing work: routing rebates, recesses, curves and shapes
- Routing shapes and curves at the ball bearing guide
- Jointing work at the stop

Strengths and benefits

- Simple routing height adjustment with a crank handle
- Arched routing hood for safe routing and optimised extraction
- Dual extraction connector
- Router module can be replaced by further CMS modules

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Power consumption TF 1400	1400 W
Power consumption TF 2200	2200 W
Idle engine speed TF 1400	10000-22500 min⁻¹
Idle engine speed TF 2200	10000-22000 min⁻¹
Max. cutter diameter	60 mm
Connection Ø d/e	27/36 mm
Dimensions module support	578 x 320 mm
Table dimensions	585 x 400 mm
Total weight TF 1400	25,4 kg
Total weight TF 2200	29,4 kg

■ = with MMC electronics

Belt sander module CMS BS 120

Main applications

- Simple, accurate sanding
- Quick and easy edge sanding
- Sanding recesses and curves
- Sanding sloping surfaces and angles at the angle stop
- Easy deburring and finishing work on diverse materials

Strengths and benefits

- Possibility of lowering the sanding belt for full belt utilisation, achieving greater efficiency
- Quick, simple belt changing – short changeover times
- Tilting sanding belt for sanding chamfers and sloping surfaces with ease
- Powerful motor for sanding large areas with minimum effort

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Power consumption	550 W
Speed	2800 min⁻¹
Belt length x belt width	820 x 120 mm
Sanding area	185 x 115 mm
Connection Ø d/e	27 mm
Dimensions module support	578 x 320 mm
Total weight	20 kg

Multifunction table MFT 3

Main applications

- Safe clamping and securing of workpieces of the most widely varying shapes and sizes
- Precise processing of workpieces, also through the connection to the Compact Module System CMS
- Extended clamping and attachment options through the vacuum clamping system VAC SYS, which can be connected to the MFT 3 with adapters

Strengths and benefits

- Safe sawing and precise routing thanks to the guide rail
- Angle stop, stop slide and additional clamping device ensure exact results
- Ergonomic work position thanks to the table height of 90 cm
- Mobile use of the MFT 3 through space-saving foldaway legs
- Compatibility with Compact Module System CMS

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Table dimensions	1157 x 773 mm
Work height/with foldaway legs	180 mm
Working height with legs	900 mm
Maximum workpiece thickness	78 mm
Max. workpiece width	700 mm
Weight	28 kg

CMS modules

circular saw
TS 55, see page 46

Module mounting CMS-TS 55
Module mounting, protective cover with supporter, fastening lugs, cutting depth adjuster, switch and spacer wedge clamp, scales, workpiece holder, angle stop WA
Order no.: 493359

Module CMS-MOD-TS 55
Module mounting CMS-TS 55, TS 55 EBQ-Plus
Order no.: 561264

circular saw
TS 75, see page 48

Module mounting CMS-TS 75
Module mounting, protective cover with supporter, fastening lugs, cutting depth adjuster, switch and spacer wedge clamp, scales, workpiece holder, angle stop WA
Order no.: 493360

Module CMS-MOD-TS 75
Module mounting CMS-TS 75, TS 75 EBQ-Plus
Order no.: 561269

Router
OF 2200 see page 102
OF 1400 see page 100
OF 1010 see page 98

Module mounting CMS-OF
Module mounting, router stop, press-down fixture, assembly lugs
Order no.: 570251

Pendulum jigsaw
PS 300, see page 32

Module mounting CMS-PS 200/PS 300
Module mounting, assembly lugs, operating tool
Order no.: 561262

Module CMS-MOD PS 300
Module mounting CMS-PS 200/PS 300,
PS 300 EQ-Plus
Order no.: 561263

Module CMS-MOD BS 120 GB
Belt sander module, extraction hood, connecting hose,
1 sanding belt, angle stop WA
Order no.: 570244

All modules in the established Basis-Plus System can be combined with the basic unit of the CMS, except for the Basis 1 A module.

All CMS modules are compatible with the Basis-Plus basic unit, except for the CMS-TS 75.
The sliding table Basis SAS must be fitted in the Basis-Plus before the CMS-TS 55 can be used (order no. 493955).

Basic unit

= Bench saw with TS 75
Sliding table available as an accessory

= Bench-mounted router TF 2200 set
OF 2200 EBQ-Plus and basic unit, module
mounting CMS OF
Order no.: 570262

TF 1400 set
OF 1400 EB-Plus and basic unit, module
mounting CMS OF
Order no.: 570256

Bench-mounted router with OF 1010

Basic unit CMS-GE
Basic unit for fitting CMS modules, foldaway legs, main safety switch,
cable holder/workpiece holder, cable and socket
Order no. 561228

Table height, folded out	900 mm
Table height, folded in	316 mm
Table dimensions	585 x 400 mm
Weight	10.8 kg

= Bench-mounted jigsaw with PS 300

= Bench-mounted belt sander with BS 120

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A workshop does not have to be big.

A wide selection of individual tools is useful when the range of tasks you need to perform is so diverse, but these become even more useful when part of a well thought-out system. Tasks are completed more quickly and easily due to this flexible, efficient system where all components are compatible with one another.

One aperture for all modules.
All modules can be slotted easily into the aperture. Simply insert and latch into place.

Switch unit.
The switch unit makes your work safer and more convenient. Switch any machine on the basic unit on and off with ease.

Lightweight and robust.
At only 10.8 kg, the CMS basic unit is both lightweight and solid. Easy to transport and robust in action.

Foldaway legs.
Foldaway legs allow you to adjust the basic unit to one of two working heights. Legs unfolded when working standing up, legs folded away when working on the ground.

The Compact Module System by Festool offers all these benefits, with modules for the most important tools such as saws and routers. These modules require a universal base so that these benefits can be fully exploited. The basic unit provides a surface area of almost 0.5 m^2. Stable, lightweight and designed so that the modules can be attached and removed easily, the unit is the central component of the unique Compact Module System CMS.

Modules can be inserted and removed more easily.

The lightweight, handy design also makes it suitable for transportation.

With its extensive range of accessories, the CMS is easy to extend – for a wide range of applications.

The built-in machines can be used not only as bench-mounted tools, but also as hand-held tools – for flexible working.

CMS basic unit

E = with electronics S = with SYSTAINER

Model	E	S	Equipment/Scope of delivery	Order no.
CMS-GE	—	—	foldaway legs, main safety switch, cable rewinder, cable and socket, for accommodating the CMS modules, in carton	561228

Not bad for starters.

This CMS set helps set you off on the right foot. There are various options available to those who are new to the Compact Module System. One of these is the CMS-TS 55 set, which consists of a basic unit, sliding table and module mounting with circular saw.

Angle stop.
The angle stop can be rotated through 180°, used on either side and changed from the cross-cut to the rip-cut position in no time at all.

Protective cover.
The CMS-TS 55 set has a protective cover for healthier and safer working conditions. It provides protection from the rotating saw blade and has an integral connector for attachment to a dust extractor.

Sliding table.
Cross and rip cuts up to 830 mm deep with the sliding table.

TS 55.
The integral circular saw TS 55 can be removed from the module at any time with little effort and can then be used independently as a circular saw.

Saw-blade adjustment.
Both the cutting depth and the cutting angle of the blade on the circular saw in the CMS-TS 55-Set are easy to adjust.

Foldaway legs.
Foldaway legs allow you to adjust the basic unit to one of two working heights. Legs unfolded when working standing up, legs folded away when working on the ground.

When purchasing the CMS-TS 55-Set bench saw set, not only do you get an introduction to the unique world of the Compact Module System but you also receive two tools in one. A CMS basic unit with module mounting TS 55 and the circular saw TS 55 with handles for easy removal from the module mounting so you can use it like any other circular saw – even on guide rails. When combined, they form a single, stable mobile bench saw.

Cutting depth and saw blade angle adjustment for a wide range of precision cuts.

Even mitre cuts are easy.

Rip cuts are no problem – attach the right accessories and you can also cut longer boards.
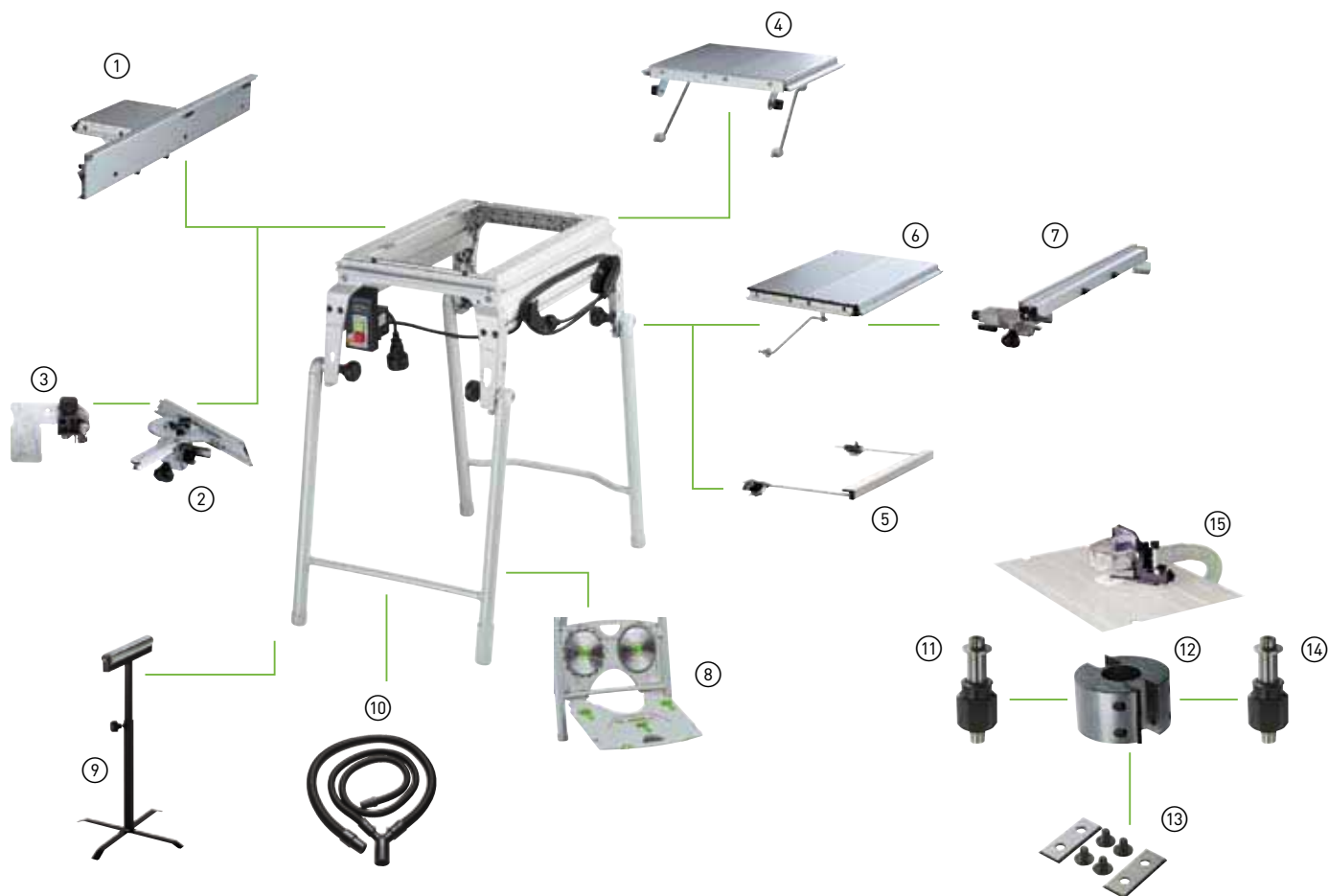
Circular saws are easy to remove and effective both in stationary and guide rail applications.

Set CMS				E = with electronics S = with SYSTAINER
Model	E	S	Equipment/Scope of delivery	Order no.
CMS-TS 55-Set	●	—	circular saw TS 55 EBQ-Plus, basic unit with foldaway legs, module support, sliding table, protective cover with supporter, fixing clamps, angle stop, fine tooth saw blade HW W48, scales, workpiece holder, clamp for switch and splitting wedge, cutting depth adjustment, operation tool	561274

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Accessories for Compact Module System CMS

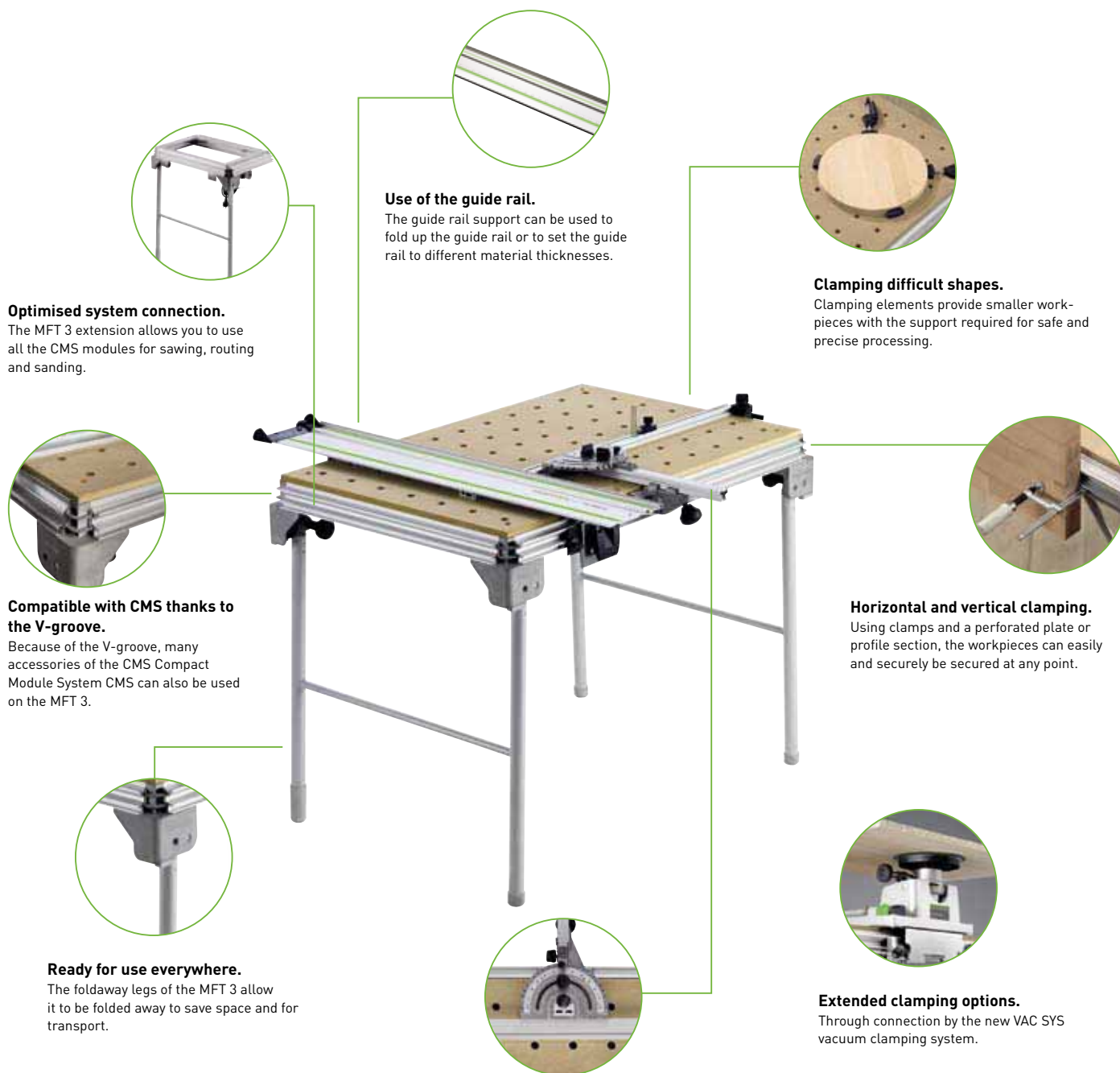|	Product	Explanation	Order no.
①	Sliding table ST	for CS 50, CMS-GE, Max. working width for trimming cuts 830 mm, in carton	492100
②	Angle stop WA	for CS 70, CS 50, CMS-GE, for work requiring 2 stops	488451
③	Adjustable stop WA-AR	to stop workpieces on trimming attachment CS 70 WA, CS 50 WA and Basis WRA 500, in self-service display pack	491712
④	Extension table VL	for CS 50, CMS-GE, simple installation, foldable 400-mm longer support, for safe support of long workpieces when sawing to width, in carton	492092
⑤	Support AF	for CS 50, CMS-GE, support for both side use, supports workpieces while cutting, in carton	492242
⑥	Extension table VB-CMS	for CMS-GE, with adjustable dimension scale, Max. cutting width 570 mm, in carton	493822
⑦	Stopper LA	for CS 50, CMS-GE, with fine adjustment and rear clamp, can be operated from front, with moveable stop profile for precise and safe longitudinal cuts, in carton	492095
⑧	Saw blade holder SGA	for CS 50, CMS-GE, for safe and space-saving storage of up to 4 saw blades (max. Ø 190mm) and up to 3 splinterguards (not in scope of delivery), in carton	492228
⑨	Roller stand RB	to use longer workpieces for longitudinal sections and cross sections and cutting and grinding work, may be used with the CS 50, CS 70, CB 120, Basis Plus System, CMS-GE, multifunction table, Height adjustable 630-1000 mm, in carton	488711
⑩	Dust extraction set CS 70 AB	for the CT/CTL/CTM 11, 22, 26, 33, 36, 44, 55, can be used with Basis, CS 70, CS 50 and CMS, comprising: dust extraction hose D27x2.0 m, dust extraction hose D36x1.0 m, Y terminal, Diameter 27/36 mm	488292
⑪	Cutter spindle ASL20/OF1400-OF2000	for use with rebating head Basis FK D 50x30 in the Basis 6 A and CMS-OF, in self-service display pack	490131
⑫	Rebating head FK D 50x30	for use with cutter spindles, Diameter 50 mm, in self-service display pack	489284
⑬	Reversible blade WP 30x12x1,5	for rebating head, qty. in pack 2 piece(s)	489286
⑭	Cutter spindle ASL20/OF1010	allows use of rebating head Basis FK D 50x30 in the Basis 5 A and CMS-OF 1010, in self-service display pack	489285
⑮	Guard BF-OF-CMS	for CMS-OF 1400/OF 2000, for CMS-OF 1010, guard and extractor hood, Connection Ø d/e 27/36 mm, in carton	494643

CMS with belt sander module

Accessories for Compact Module System CMS

	Product	Explanation	Order no.
①	**Sanding drum CW D55x120**	with cover plates, Diameter 55 mm	**488032**
	Sanding drum CW D105x120	with cover plates, Diameter 105 mm	**488031**
②	**Sanding belt CMB120 820x120-P50-SA/10**	Grit P50, qty. in pack 10 piece(s)	**488081**
	Sanding belt CMB120 820x120-P80-SA/10	Grit P80, qty. in pack 10 piece(s)	**488082**
	Sanding belt CMB120 820x120-P100-SA/10	Grit P100, qty. in pack 10 piece(s)	**488083**
	Sanding belt CMB120 820x120-P120-SA/10	Grit P120, qty. in pack 10 piece(s)	**488084**
	Sanding belt CMB120 820x120-P150-SA/10	Grit P150, qty. in pack 10 piece(s)	**488085**
	Sanding belt CMB120 820x120-P180-SA/10	Grit P180, qty. in pack 10 piece(s)	**488086**
③	**CMS and Basis module tower MT 1600**	5 plug-ins, 2 fixed and 2 steering rollers, for space-saving storage of the CMS and Basis modules, alternatively, 2 Systainers per shelf can be accommodated, adjustable height, Width 460 mm, Depth 600 mm, Weight 13 kg, in carton	**451975**

A table with a 1,000 possibilities.

The MFT 3 is more than simply a table. It stands for versatile work using a system – workpieces of different shapes and sizes can be securely attached and precisely routed. Ergonomically and economically.

Use of the guide rail.
The guide rail support can be used to fold up the guide rail or to set the guide rail to different material thicknesses.

Clamping difficult shapes.
Clamping elements provide smaller work-pieces with the support required for safe and precise processing.

Optimised system connection.
The MFT 3 extension allows you to use all the CMS modules for sawing, routing and sanding.

Compatible with CMS thanks to the V-groove.
Because of the V-groove, many accessories of the CMS Compact Module System CMS can also be used on the MFT 3.

Horizontal and vertical clamping.
Using clamps and a perforated plate or profile section, the workpieces can easily and securely be secured at any point.

Ready for use everywhere.
The foldaway legs of the MFT 3 allow it to be folded away to save space and for transport.

Extended clamping options.
Through connection by the new VAC SYS vacuum clamping system.

Precise results.
Workpieces can be positioned exactly at the angle stop. The stop flag makes precise repeat cuts possible. The additional clamping device, with which the sliding fence is secured to the V-groove, ensures precision.

Multifunction table MFT 3				E = with electronics S = with SYSTAINER
Model	E	S	Equipment/Scope of delivery	Order no.
MFT/3	—	—	table with perforated top and foldaway legs, angle stop, guide rail FS 1080/2, swivel unit, support unit, adjustable stop, additional clamp, deflector FS-AW, in carton	**495315**

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Flexible work on a secure base.

Precise results.

The guide rail can be set to different material thicknesses and ensures precise guidance for Festool jigsaws and hand-held circular saws or routers – for exact results.

Maximum hold.

When sanding, planing, bonding or routing with templates, it is important that the workpiece is held firmly on the table – regardless of whether it is large, small, angular or round, the MFT 3 offers you precisely this flexibility.

Expandable work surface.

Connecting pieces allow several multifunction tables to be joined laterally with one another. The larger work surface will then allow you to clamp larger workpieces or several together at the same time, and then to work on them.

Optimal connection.

Using the V-groove, you can connect the CMS module system and accessories to the MFT 3. This means that you will have circular saws, jigsaws, routers and belt sanders available for your work. In short, the MFT 3 is transformed into a mobile and efficient work station.

Ergonomic and cost-effective work.

The work height of 90 cm makes ergonomic work possible, which is also easy on the back, even for taller users. Furthermore, the multifunction table MFT 3 can be folded away very easily and is thus ideal for use in the workshop as well as mobile on-site use.

Flexible and certain with the VAC SYS.

The clamping solution of the future – VAC SYS. This product gives you the option of turning your workpieces by up to 360° and of swivelling them by up to 90° – all with just a single movement of your hand. This vacuum clamping system is easily connected to the MFT 3 by an adapter plate.
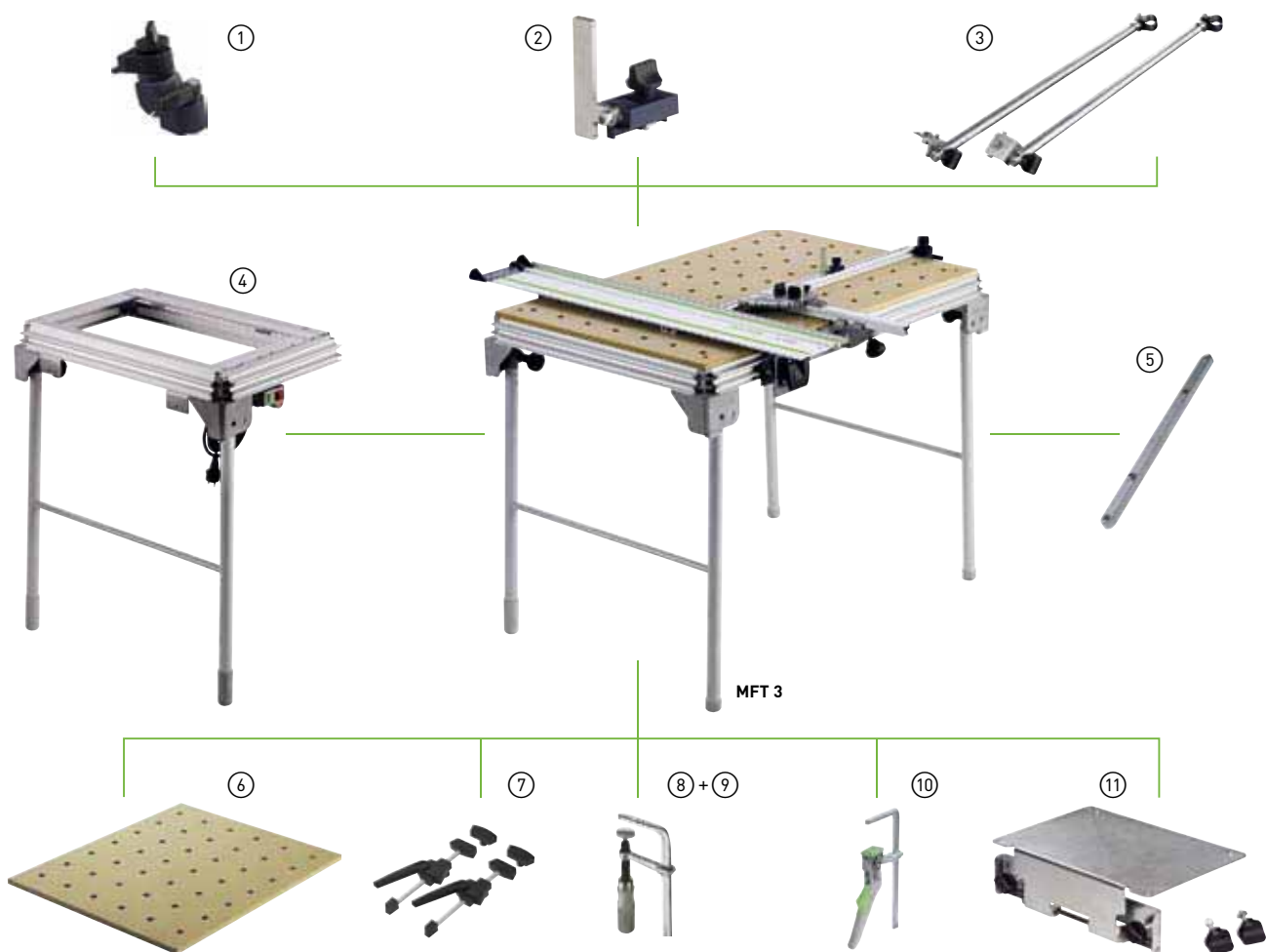
MFT 3

Accessories for the MFT 3 multifunction table

	Product	Explanation	Order no.
1	**Additional clamp MFT/3-ZK**	for securing the stop rail to the V-groove, in self-service display pack	**495541**
2	**Adjustable stop MFT/3-AR**	for securing workpieces on the angle stop, Can be folded away, in self-service display pack	**495542**
3	**Cross brace MFT/3-QT**	for additional MFT 3 stability, qty. in pack 2 piece(s)	**495502**
4	**Guide extension MFT/3-VL**	foldaway legs, main safety switch, cable and socket, for the MFT 3, in carton	**495510**
5	**Connecting piece VS**	for attachment of FST660/85 or MFT 800 to Basis Plus, in self-service display pack	**484455**
6	**Perforated top MFT/3-LP**	in carton	**495543**
7	**Fixed clamps MFT-SP**	for safe and precise securing of the workpiece (sawing, sanding, routing, drilling, etc.), qty. in pack 2 piece(s), in self-service display pack	**488030**
8	**Fastening clamp FSZ 120**	solid steel version, Clamping width 120 mm, qty. in pack 2 piece(s), in self-service display pack	**489570**
9	**Fastening clamp FSZ 300**	solid steel version, Clamping width 300 mm, qty. in pack 2 piece(s), in self-service display pack	**489571**
10	**Lever clamp FS-HZ 160**	solid steel version, Clamping width 160 mm, qty. in pack 1 piece(s), in self-service display pack	**491594**
11	**Adapter VAC SYS AD MFT/3**	for VAC SYS SE 1, VAC SYS SE 2, together with the MFT 3, in carton	**494977**