

# SOIL RECYCLER



# ObLX

## The Large MTS Soil Recycler

This innovative device transforms the existing soil on site into high-quality, reusable material. With the C-shaft (80 or 100 mm), you can easily homogenize the soil or mix in binding agents. Using the S-shaft (20 or 40 mm), you can sort out oversize grains or carry out fine screening at the prescribed maximum grain size.

- **Easy adjustment** of shaft speed

- **Continuous lubrication**  
Optional central lubrication system and cartridge magazine

- **Service-friendly**  
thanks to simple maintenance of bearings and shaft unit

- **Quick and easy change of shafts**  
Same housing for C- and S-shafts



- **High power**  
thanks to efficient & powerful hydraulics

- **Long service life**  
Wear-resistant steel of the welded beaters and frame

- **Overflow plate**  
Optional

- **Maximum transport safety**  
Lashing eyes and pallet fork holder

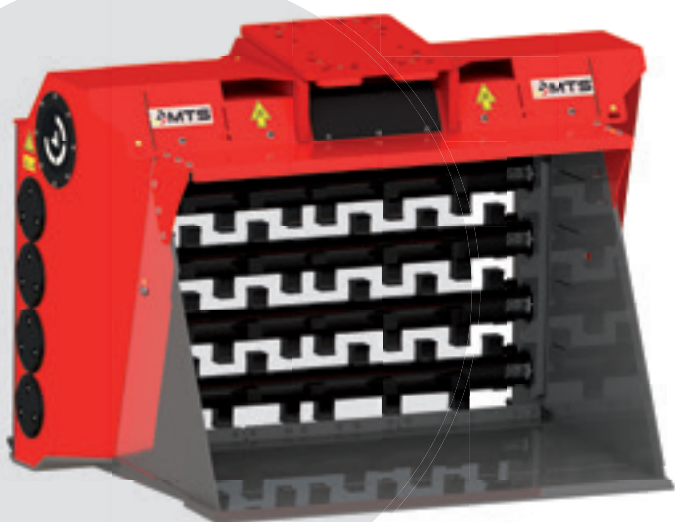


# TECHNICAL SPECIFICATIONS

## The Large MTS Soil Recycler ObLX

ObLX	Recommended size of carrier [to]		Weight [kg]*	Width [cm]	Height [cm]	Depth [cm]	Bucket volume [m³]**	Screen surface [m²]	Recommended oil quantity [l/min]	Max. oil pressure [bar]	Price
	Excavator	Wheel loader									
<b>B120-3</b>	16-24	7-13	F20S: 1,700 F40S: 1,720 F80C: 1,500 F100C: 1,400	160	136	137	1.1	0.95	200	280	From € 37,900
<b>B180-3</b>	20-28	9-15	F20S: 2,300 F40S: 2,370 F80C: 2,100 F100C: 2,000	223	136	137	1.7	1.5	200	280	From € 42,500
<b>B180-4</b>	24-36	13-19	F20S: 3,170 F40S: 3,250 F80C: 2,720 F100C: 2,620	227	163	149	2.17	1.9	280	280	From € 58,000

\* without adapter plate \*\* acc. to CECE guidelines



### Crusher (mixing + crushing)



F80C shafts



F100C shafts

### Screener (screening)



F20S shafts



F40S shafts



# IdFX

## The Small MTS Soil Recycler

Our problem solver with versatile work modules allows you to switch effortlessly between different tasks. This intelligent solution is ideal if you need to process different materials. No matter whether you require fine screening (30 mm or 40 mm) or screening & crushing (30 mm or 40 mm).

- **Machine documents ready to hand**  
Standard document box

- **Maximum transport safety**  
Lashing eyes and pallet fork holder

- **Light weight**  
Optimum use on small carriers

- **Quick and easy change of modules**  
Interchangeable frame

- **Alternative attachment versions**  
Attachable to excavators and loaders

- **Fine screening**  
Screening module  
F30S (20-25 mm)  
F40S (25-35 mm)

- **Screening & crushing**  
Screen-crush combination module  
F30SC (20-25 mm)  
F40SC (25-35 mm)



IdFX	Recommended size of carrier [to]		Weight [kg]*	Width [cm]	Height [cm]	Depth [cm]	Bucket volume [m³]**	Screen surface [m²]	Recommended oil quantity [l/min]	Max. oil pressure [bar]
	Excavator	Loader								
<b>B90-2</b>	5-12	From 1.5	F30S: 615 F30SC: 675 F40S: 605 F40SC: 655	125	95	105	0.35	0.50	30-75	300
<b>B150-2</b>	8-14	From 3	F30S: 810 F30SC: 945 F40S: 765 F40SC: 880	185	95	105	0.55	0.80	40-75	300

\* without adapter plate

\*\* acc. to CECE guidelines

# SIMPLE MODULE CHANGE



1. Position the module on the floor or a pallet. Then loosen the fittings and hydraulic hoses. Now carefully swivel the frame away from the module.



2. Now move the frame over the second module in such a way, ...



3. ... that the pins of the frame engage the hooks of the module. Then swivel the frame over the module.



4. When the frame and module are completely brought together, screw them into place using the 2 screws. Then connect the hydraulic hoses.



5. Ensure that the screws are properly tightened and then perform a function test.



Simply scan the QR code with your smartphone and watch the module change in the video.

## SCREEN MODULE



- Topsoil screening
- Mixing of sands, soils, fertilizers
- Peat screening
- Soil stabilization

Disc type	Thickness of discs	Distance between discs
F30S	16 mm	34 mm
F40S	16 mm	44 mm

## SCREEN-CRUSH MODULE



- Breaking up of organic material
- Mixing & airing of compost
- Breaking up of various clumped materials (e.g. de-icing salt preparation)
- Breaking up of roof tiles, dry construction boards

Disc type	Thickness of discs	Distance between discs
F30SC	16 mm	34 mm
F40SC	16 mm	44 mm

# MOBILE SOIL LABORATORY



Mobile soil laboratory  
for soil analysis as part  
of soil conditioning

CONSISTENCY

PLASTIC LIMIT

PLASTICITY

SOIL CONDITIONING

