

# COMBIMAX SMARTSOLAR

SOLAR-POWERED WASTE COMPACTOR



**CARDBOARD | PLASTIC | MIXED WASTE** 

SMART TECHNOLOGY | SOLAR PANELS
1-PHASE MAINS POWER





## **COMBIMAX SMARTSOLAR**

#### WASTE MANAGEMENT POWERED BY THE SUN

The Europress CombiMax SMARTSolar waste compactor is powered by solar panels and 1-phase mains power. The robust and efficient CombiMax SMARTSolar gets its power from four 300W solar panels located on its roof.

The device does not require mains power to operate, and it can be used in the summer even where electricity is not available at all. It is as effective as a conventional mains powered device. On a sunny day, it offers more than 2.5 hours of running time without mains charging. When it is not possible to get enough power from the sun, the batteries can be charged with ordinary mains power.

The CombiMax SMARTSolar is intended for 20 m<sup>3</sup> containers, but the device can be shortened so that only half the solar panels are installed on the device. In this case, the size category is CombiMax/14-17. Feed hoppers are always tailored according to the intended use.

The running time on a full battery without sun or mains power is 2 hours.

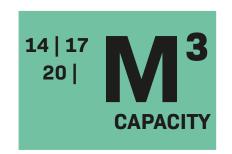
- Mains charging allows the device to run approx. 1/3 of the time. A device in mains mode can run for approx. 20 minutes an hour if solar energy is not available.
- On a sunny day during the 8 peak hours, the device offers more than 2.5 hours of running time from the sun without mains charging.
- Combined, on a sunny day, the device can run for a total of 8 hours between 06:00 and 22:00 (i.e. 50% of the time), which is perfectly sufficient for use when most required.

Compaction chamber dimensions W x H (mm)	1850 x 1300
Pressing force (t)	35
Cycle time (s)	115
Capacity (m³/h)	45
Energy consumption (kW/ operating hour)	0,93
Energy storage in a lithium battery	
Motor (kW)	2,75
Power supply	230V, C16A
Operating time *	2 h (60+ press strokes)

<sup>\*</sup> On full battery without solar energy or mains power

### STANDARD EQUIPMENT

- FOUR 300W SOLAR PANELS
- LITHIUM BATTERY FOR ENERGY STORAGE
- LIFTING HOOKS FRONT & REAR
- BLUE COLOUR, RAL 5017
- STANDARD OR TAILORED FEED HOPPER
- SMART TECHNOLOGY



## COMPATIBLE WITH MOST OPTIONAL ACCESSORIES:

- S8 TIPPING DEVICE
- AUTO START
- GPS
- SPECIAL RAL COLOURS, CUSTOMER'S OWN LOGO ADHESIVES
- LID OPENING MECHANISM (HYDRAULIC/ELECTRONIC)
- CODE START
- ADDITIONAL BUTTONS, E.G. EXTRA EMERGENCY STOP BUTTONS
- LOCKING CASES
- LIQUID PROOFING
- GUIDE RAILS
- WHEELS, FRONT / REAR
- ELECTRONIC ACCESSORIES; SMART CONNECTIVITY WITH FULL SMART SERVICES
- 2-STAGE OPENING MECHANISM OF EMPTYING DOOR
- LONG HANDLE OPENING MECHANISM OF EMPTYING DOOR







