



Mod. 1010NEW/N
P.T.O. "Normal type"
with hose connectors, filter and spout

Mod. 1010NEW/C
P.T.O. "Normal type" complete
with hoses, hose connectors, filter and spout

Flow rate: 80 l/min.
Max pressure: 18 bar
Max working r.p.m.: 600



THE FIRST WATER PTO PUMPS MANUFACTURED IN ITALY

Mod. 1180/N
P.T.O. "Super washing type"
with hose connectors, filter and spout

Mod. 1300/N
P.T.O. "Super water transfer type"
with hose connectors and filter

Mod. 1180/C
P.T.O. "Super washing type" complete
with hoses, hose connectors, filter and spout

Mod. 1300/C
P.T.O. "Super water transfer type" complete
with hoses, hose connectors and filter

Flow rate: 180 l/min.
Max pressure: 25 bar
Max working r.p.m.: 600

Flow rate: 300 l/min.
Max working r.p.m.: 600



HYDRAULIC JACKS
Single or double piston



Single piston

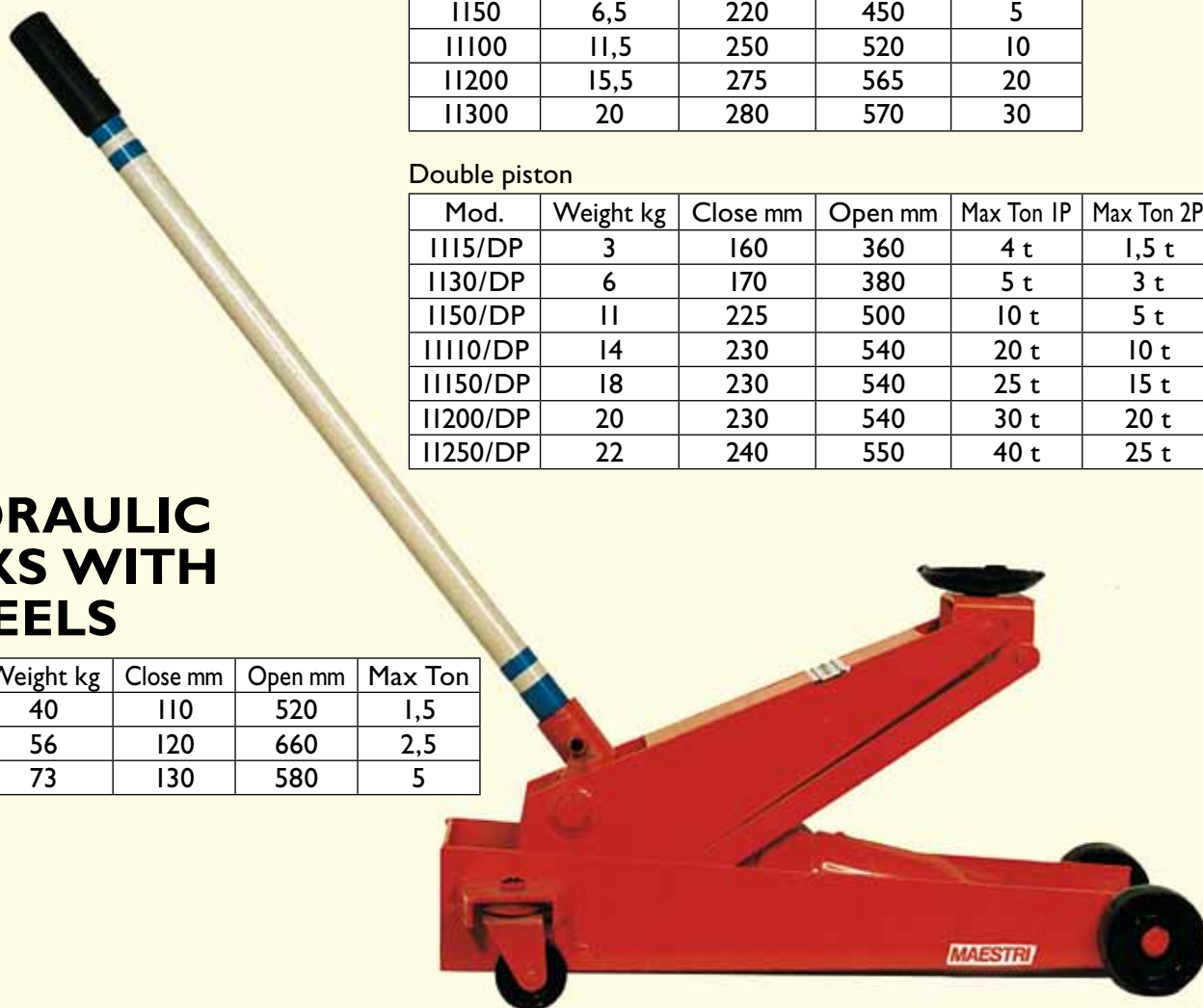
Mod.	Weight kg	Close mm	Open mm	Max Ton
1130	5	215	440	3
1150	6,5	220	450	5
11100	11,5	250	520	10
11200	15,5	275	565	20
11300	20	280	570	30

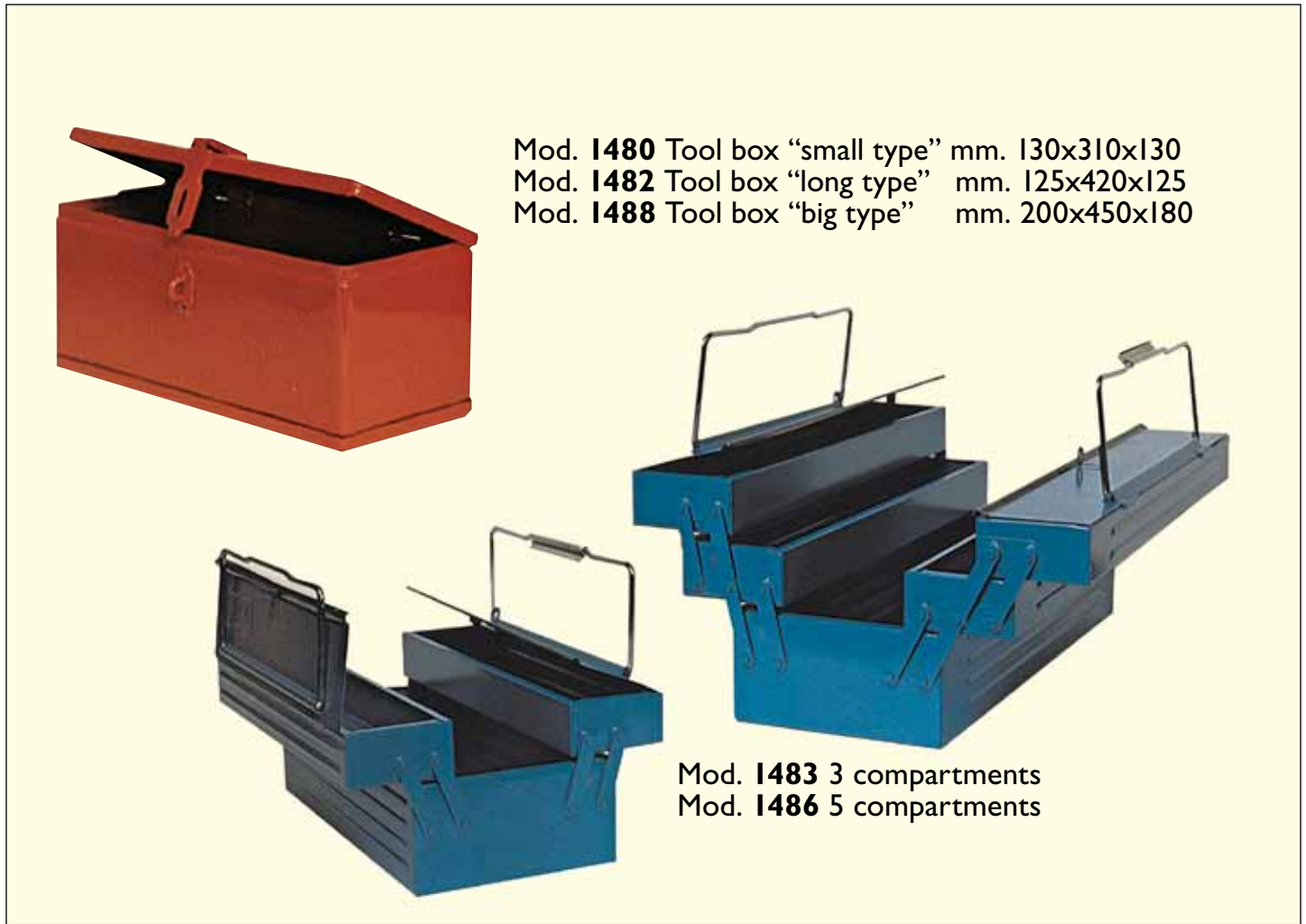
Double piston

Mod.	Weight kg	Close mm	Open mm	Max Ton 1P	Max Ton 2P
1115/DP	3	160	360	4 t	1,5 t
1130/DP	6	170	380	5 t	3 t
1150/DP	11	225	500	10 t	5 t
11110/DP	14	230	540	20 t	10 t
11150/DP	18	230	540	25 t	15 t
11200/DP	20	230	540	30 t	20 t
11250/DP	22	240	550	40 t	25 t

HYDRAULIC JACKS WITH WHEELS

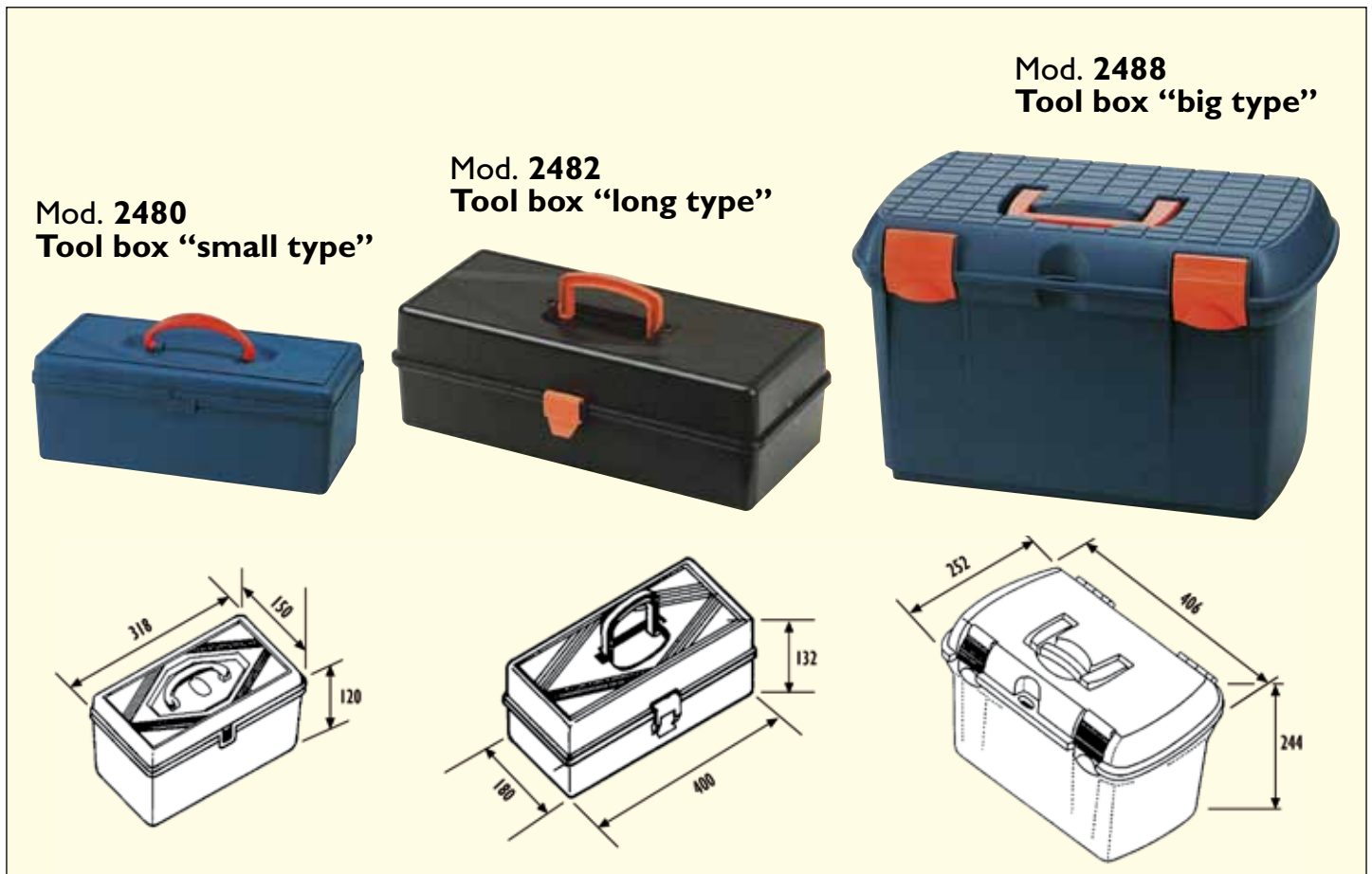
Mod.	Weight kg	Close mm	Open mm	Max Ton
1105	40	110	520	1,5
1115	56	120	660	2,5
1125	73	130	580	5





Mod. **1480** Tool box "small type" mm. 130x310x130
Mod. **1482** Tool box "long type" mm. 125x420x125
Mod. **1488** Tool box "big type" mm. 200x450x180

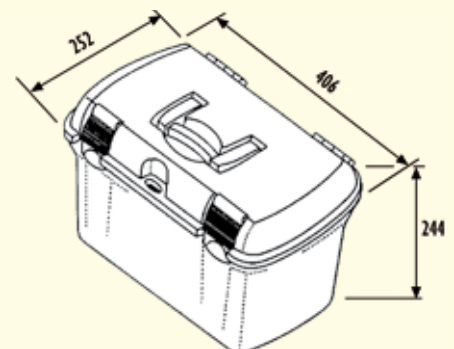
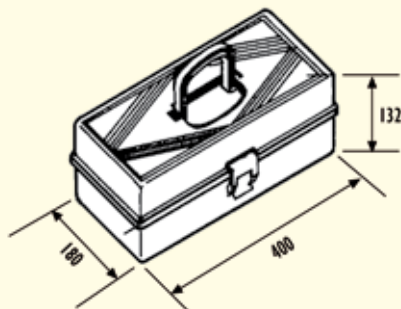
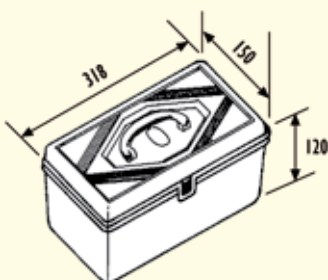
Mod. **1483** 3 compartments
Mod. **1486** 5 compartments



Mod. **2480**
Tool box "small type"

Mod. **2482**
Tool box "long type"

Mod. **2488**
Tool box "big type"





Mod. 933
Plastic hose reel
Hose lenght: 15m
Complete with swivel bracket
Max Pressure: 30 bar
Max Temperature: +60°



Mod. 703
Air blow gun
Mod. 703/L
Air blow gun with long spout



Mod. 704
Air gun with manometer



Mod. 610
Manometer



Mod. 706
Fuel air gun



Mod. 705
Spray gun



Mod. 611
Spiral hose 6 m
Mod. 612
Spiral hose 12 m



Mod. 711

Air guns kit

Mod. 611 Spiral hose

Mod. 704 Air gun with manometer

Mod. 703 Air blow gun

Mod. 705 Spray gun

Mod. 706 Fuel air gun



Inflating pumps

Mod. 701 Hand inflating pump

Mod. 708 Foot inflating pump with manometer

BLACK for TYRES STEEL AIR DISTRIBUTORS

Mod. 620

Black for Tyres Air Distributor

complete with 7m spiral hose and nozzle with brush

Tank capacity: 10L

Threads: 1/4" M BSP - Max pressure: 8bar

Net weight: 8kg Gross weight; 9kg

Carton box dimensions: 30x30x60cm

Conformity: PED 97/23/CE

NEW!



NEW!



Mod. 620/CARR

Black for Tyres Air Distributor with Wheels

complete with 7m spiral hose and nozzle with brush

Tank capacity: 10L

Threads: 1/4" M BSP - Max pressure: 8bar

Net weight: 9kg Gross weight; 10kg

Carton box dimensions: 30x30x65cm

Conformity: PED 97/23/CE

SPARE PARTS:

Mod. 620/PENN **Brush**

Mod. 620/PP **Nozzle with brush**



Mod. 622

Steel sprayer with wheels

Tank capacity: 24L complete with 7m spiral hose and spray nozzle

Threads: M1/4" BSP Net weight: 11.3kg Gross weight: 13kg

Carton box dimensions: 38x35x90cm

PED 97/23/CE Conformity



Mod. 625

Steel sprayer with wheels

Tank capacity: 50L complete with 7m spiral hose and spray nozzle

Threads: M1/4" BSP Net weight: 20kg Gross weight: 22kg

Carton box dimensions: 40x42x110cm

PED 97/23/CE Conformity



Mod. **622/INOX**

304 INOX sprayer with wheels

Tank capacity: 24L complete with 7m spiral hose and spray nozzle

Threads: M1/4" BSP Net weight: 11.3kg Gross weight: 13kg

Carton box dimensions: 38x35x90cm

PED 97/23/CE Conformity



Mod. **625/INOX**

304 INOX sprayer with wheels

Tank capacity: 50L complete with 7m spiral hose and spray nozzle

Threads: M1/4" BSP Net weight: 17.5kg Gross weight: 19.5kg

Carton box dimensions: 40x42x110cm

PED 97/23/CE Conformity



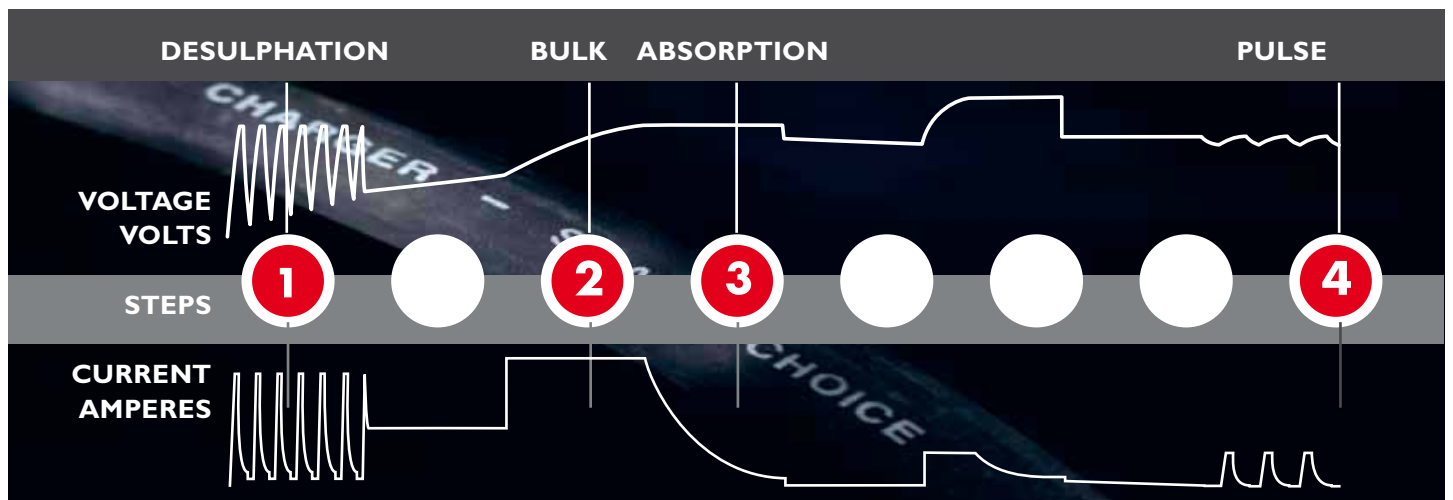
Mod. ZAFIR 45

Battery charger 12V - 3.3 amps





The ZAFIR 45 is an universal 12 V charger. It is ideal for charging small batteries. For charging batteries from 1,2Ah to 90Ah. The charger is IP65 classified (splash and dust proof), designed to protect vehicle electronics, non-sparking, reverse polarity protected, and short-circuit proof. It is delivered with a 2-year warranty.

TECHNICAL DATA

INPUT VOLTAGE	220-240VCA, 50-60Hz
BACK CURRENT DRAIN	< 1mA
OUTPUT VOLTAGE	Nominal 12V; 14,4V 14,7V
CHARGING VOLTAGE	0,8A; 3,3A
AMBIENT TEMPERATURE	From -20 °C a to +50 °C
COOLING	Natural Convention
TYPE OF CHARGER	4 Steps fully automatic
TYPE OF BATTERIES	12V lead-acid batteries (MF, VRLA, AGM e GEL and Calcium)
BATTERY CAPACITY	1,2 a 90Ah
DIMENSIONS	165 x 61 x 38 mm
INSULATION	IP 65
WEIGHT	0,5 Kg.
WARRANTY	2 years





-  Fully automatic for optimal charging
-  For all lead-acid batteries
-  **FULLY CHARGED BATTERY MAINTENANCE CHARGING**
-  **AGM**
For charging in cold conditions and AGM batteries
- RECOND**
Recondition of deeply discharged batteries
- SUPPLY**
Use the charger as a power supply

Mod. MXS 7.0
Battery charger 12V – 7amps

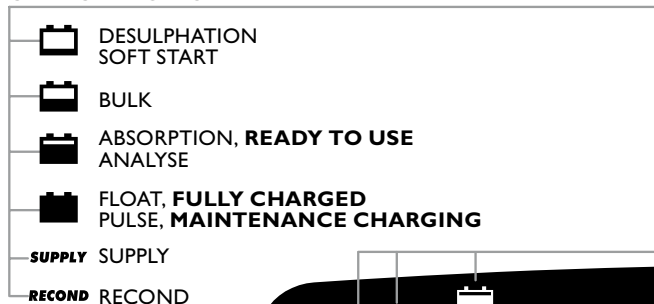
The MXS 7.0 is the perfect universal 12 V charger. It is ideal for charging larger batteries such as caravan, RV, boat and car batteries. These types of vehicles often demand features that can solve a broad range of battery-related problems.


The MXS 7.0 offers features such as battery diagnosis that shows if a battery can receive and retain a charge, a special reconditioning function that restores stratified and deeply discharged batteries, unique maintenance charging, a mode for optimised charging during cold winter days and the charging of demanding AGM batteries (i.e. Optima).

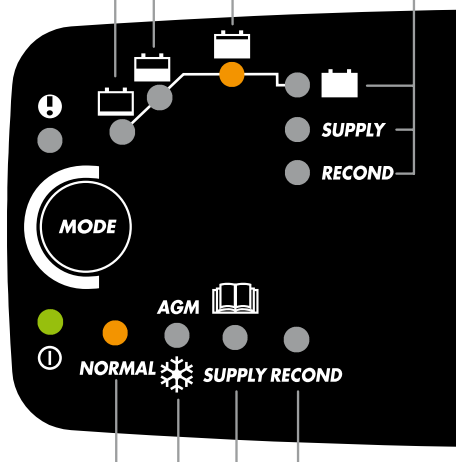
It also has a power supply mode which allows the battery to be disconnected from the vehicle without losing important configurations. The MXS 7.0 is a fully automatic 8-step charger that delivers 7 A to 12 V batteries from 14–150 Ah and is suitable for maintenance charging up to 225 Ah. The charger is IP65 classified (splash and dust proof), designed to protect vehicle electronics, non-sparking, reverse polarity protected, and short-circuit proof. It is delivered with a 2-year warranty.

- Fully automatic charging and maintenance in 8 steps maximizes battery life and performance
- Numerous accessories simplifies using the same charger for multiple batteries
- Water-resistant so that the solution could be taken to the problem even if it rains or snows
- Power Supply that simplifies battery replacement without losing vehicle memory
- Patented maintenance charge for a unique combination of maximized life and performance
- Recondition of deep discharged batteries
- Patented desulphation that extends the battery life
- No sparks, short-circuit proof and reverse-polarity protected for untroubled usage
- Automatic detection of end-of-life batteries that eliminates surprises

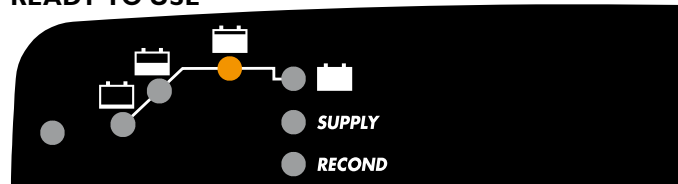
CTEK CHARGING



- PROGRAMS**
- NORMAL** 7 A/14.4 V
 -  **AGM** 7 A/14.7 V
 - SUPPLY** 7 A/13.6 V
 - RECOND** 1.5 A/15.8 V



READY TO USE



The table shows the estimated time for empty battery to 80 % charge.

BATTERY SIZE (Ah)	TIME TO 80 % CHARGED
14	2 h
50	6 h
100	11 h
150	17 h

TECHNICAL DATA

CHARGING VOLTAGE	14.4/14.7/15.8 /13.6 V
CHARGING CURRENT	Max 7 A
TYPE OF CHARGER	8 step, fully automatic charging cycle
TYPE OF BATTERY	12 V lead-acid batteries
BATTERY CAPACITY	14–150 Ah, up to 225 Ah for maintenance
INSULATION	IP65 (splash and dust proof)



AUTO

Fully automatic for optimal charging

12V

For all lead-acid batteries

FULLY CHARGED BATTERY MAINTENANCE CHARGING

T

Temperature sensor

RECOND

Recondition of deeply discharged batteries

SUPPLY

Use the charger as a power supply

Mod. MXS 25

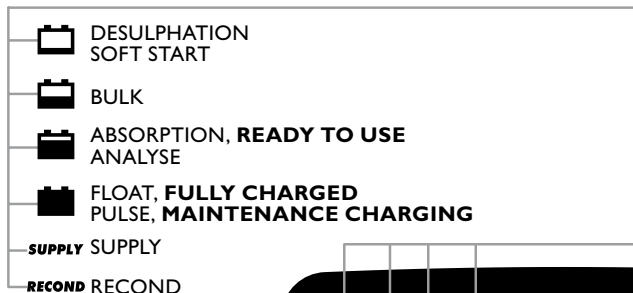
Battery charger 12V – 25amps

The MXS 25 is a professional 12 V charger. It offers efficient and fast charging and is ideal in workshops, caravans, RVs and boats. The MXS 25 is equipped with all necessary features and functions to solve a broad range of battery related problems. It offers features such as battery diagnosis that shows if a battery can receive and retain a charge, a special reconditioning function that restores stratified and deeply discharged batteries, unique maintenance charging, and a temperature sensor for optimised charging regardless of the weather conditions. It also has a power supply mode which allows the battery to be disconnected from the vehicle without losing important configurations.

The MXS 25 is a fully automatic 8-step charger that delivers 25 A to 12 V batteries from 40–500 Ah. The charger is IP44 classified (outdoor use), designed to protect vehicle electronics, non-sparking, reverse polarity protected, and short-circuit proof. It is delivered with a 2-year warranty.

- Temperature compensated and fully automatic charging and maintenance in 8 steps maximizes battery life and performance
- Power Supply that simplify battery replacement without losing vehicle memory
- Patented maintenance charge for a unique combination of maximized life and performance
- Recondition of deep discharged batteries
- Patented desulphation that extends the battery life
- No sparks, short-circuit proof and reverse-polarity protected for untroubled usage
- Automatic detection of end-of-life batteries that eliminates surprises

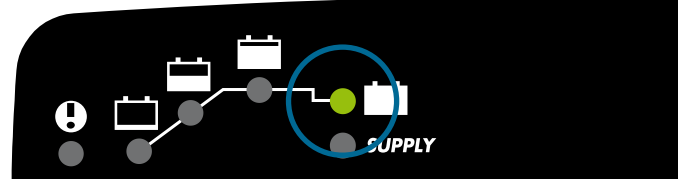
CTEK CHARGING



PROGRAMS

- NORMAL** 25 A/14.4 V
- SUPPLY** 25 A/13.6 V
- RECOND** 3 A/15.8 V

READY TO USE



The table shows the estimated time for empty battery to 80 % charge.

BATTERY SIZE (Ah)	TIME TO 80 % CHARGED
40	1,5 h
100	3 h
200	6 h
350	16 h

TECHNICAL DATA

CHARGING VOLTAGE	14.4/15.8 /13.6 V
CHARGING CURRENT	Max 25 A
TYPE OF CHARGER	8 step, fully automatic charging cycle
TYPE OF BATTERY	12 V lead-acid batteries
BATTERY CAPACITY	40-500 Ah, up to 500 Ah for maintenance
INSULATION	IP44 (outdoor use)



AUTO

Fully automatic for optimal charging

24V

For all lead-acid batteries

FULLY CHARGED BATTERY MAINTENANCE CHARGING

FULLY CHARGED BATTERY MAINTENANCE CHARGING

AGM

For charging in cold conditions and AGM batteries

RECOND

Recondition of deeply discharged batteries

SUPPLY

Use the charger as a power supply

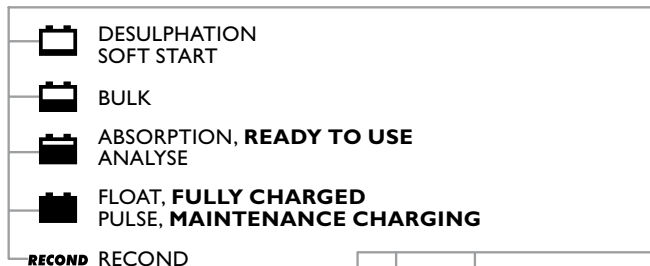
Mod. MXS 4.0

Battery charger 24V - 4amps

The MXT 4.0 is a cost-effective charger, suitable for smaller 24 V batteries. The MXT 4.0 is ideal for maintenance charging of larger fleets with 24 V vehicles, backup systems, piste machinery and wheelchairs, etc. The MXT 4.0 is equipped with all necessary features and functions to solve a broad range of battery related problems. It offers features such as battery diagnosis that shows if a battery can receive and retain a charge, a special reconditioning function that restores stratified and deeply discharged batteries, unique maintenance charging, a mode for optimised charging during cold winter days and the charging of demanding AGM batteries (i.e. Optima). The MXT 4.0 is a fully automatic 8-step charger that delivers 4 A to 24 V batteries from 8–100 Ah and is suitable for maintenance charging up to 250 Ah. The charger is IP65 classified (splash and dust proof) and compatible with the electronics of a vehicle. It is non-sparking, reverse polarity protected and short-circuit proof. The MXT 4.0 is delivered with a 2-year warranty.

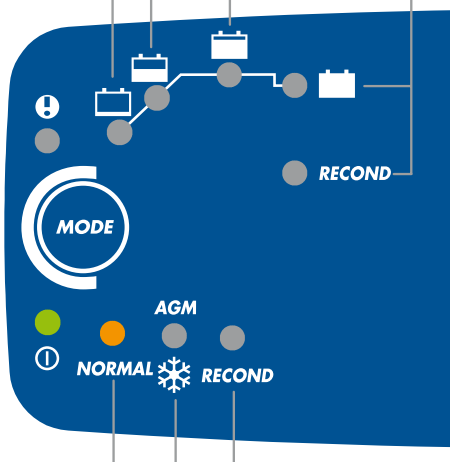
- Water-resistant so that the solution could be taken to the problem even if it rains or snows
- Patented maintenance charge for a unique combination of maximized life and performance
- Recondition of deep discharged batteries
- Patented desulphation that extends the battery life
- No sparks, short-circuit proof and reverse-polarity protected for untroubled usage
- Automatic detection of end-of-life batteries that eliminates surprises

CTEK CHARGING

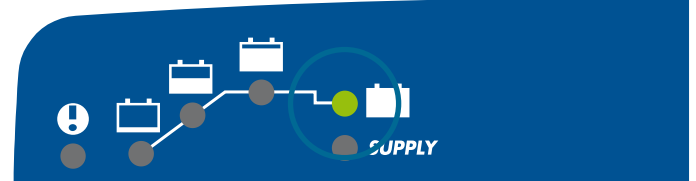


PROGRAMS

- NORMAL** 4 A/28.8 V
- AGM** 4 A/29.4 V
- RECOND** 1 A/31.4 V



READY TO USE



The table shows the estimated time for empty battery to 80 % charge.

BATTERY SIZE (Ah)	TIME TO 80 % CHARGED
10	2 h
20	4 h
50	10 h
100	20 h

TECHNICAL DATA

CHARGING VOLTAGE	28.8/29.4 /31.4 V
CHARGING CURRENT	Max 4 A
TYPE OF CHARGER	8 step, fully automatic charging cycle
TYPE OF BATTERY	24 V lead-acid batteries
BATTERY CAPACITY	8-100 Ah, up to 250 Ah for maintenance
INSULATION	IP65 (splash and dust proof)



AUTO

Fully automatic for optimal charging

24V

For all lead-acid batteries

FULLY CHARGED BATTERY MAINTENANCE CHARGING

T

Temperature sensor

RECOND

Recondition of deeply discharged batteries

SUPPLY

Use the charger as a power supply

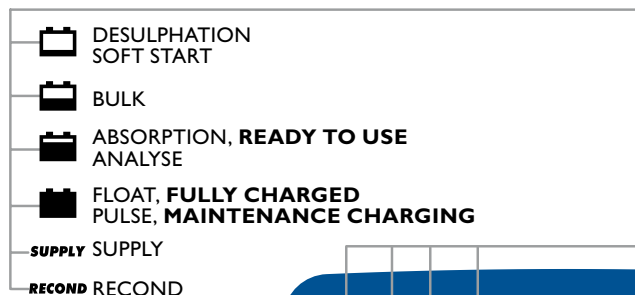
Mod. MXS 14

Battery charger 24V – 14amps

The MXT 14 is a professional 24V charger. It is developed for commercial vehicles where the batteries are put under considerable strain and is ideal for busses, trucks and CV workshops. The MXT 14 is equipped with all necessary features and functions to solve a broad range of battery related problems. It offers features such as battery diagnosis that shows if a battery can receive and retain a charge, a special reconditioning function that restores stratified and deeply discharged batteries, unique maintenance charging, and a temperature sensor for optimised charging regardless of the weather conditions. It also has a power supply mode which allows the battery to be disconnected from the vehicle without losing important configurations. The MXT 14 is a fully automatic 8-step charger that delivers 14A to 24V batteries from 28–300Ah and is suitable for maintenance charging up to 500Ah. The charger is IP44 classified (outdoor use), designed to protect vehicle electronics and non-sparking, reverse polarity protected and short-circuit proof. It is delivered with a 2-year warranty.

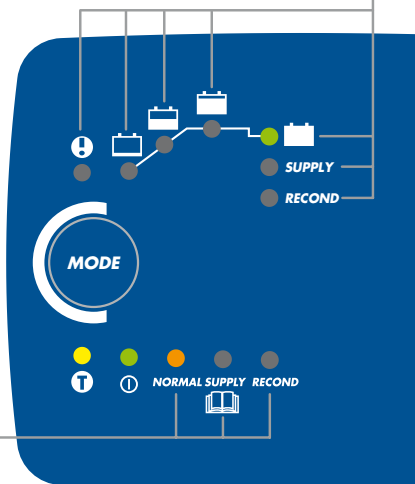
- Temperature compensated and fully automatic charging and maintenance in 8 steps maximizes battery life and performance
- Power Supply that simplifies battery replacement without losing vehicle memory
- Patented maintenance charge for a unique combination of maximized life and performance
- Recondition of deep discharged batteries
- Patented desulphation that extends the battery life
- No sparks, short-circuit proof and reverse-polarity protected for untroubled usage
- Automatic detection of end-of-life batteries that eliminates surprises

CTEK CHARGING

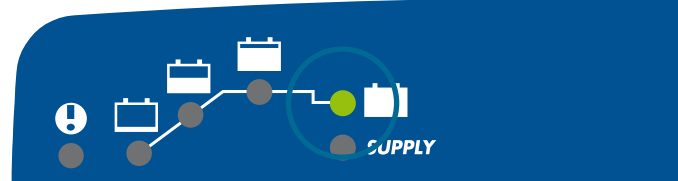


PROGRAMS

- NORMAL** 14 A/28.8 V
- SUPPLY** 14 A/27.2 V
- RECOND** 1,5 A/31.6 V



READY TO USE



The table shows the estimated time for empty battery to 80 % charge.

BATTERY SIZE (Ah)	TIME TO 80 % CHARGED
30	2 h
100	6 h
200	12 h
350	17 h

TECHNICAL DATA

CHARGING VOLTAGE	28.8/31.6 /27.2V
CHARGING CURRENT	Max 14A
TYPE OF CHARGER	8 step, fully automatic charging cycle
TYPE OF BATTERY	24V lead-acid batteries
BATTERY CAPACITY	28-300Ah, up to 500Ah for maintenance
INSULATION	IP44 (outdoor use)

**Mod. T.B.12V START
TURBO BOOSTER "START " 12V - 1600 Amp**

BIKES and CARS (for batteries from 0 to 85Ah)

- Internal battery: 12V - 16 Ah
- Cranking rate: 450A
- Recharge: 230V
- Charging capacity: 12V - 0.5 Ah
- Charger: LESA 5A
- Automatic charger
- Voltage spikes protection
- Sealed non-spillable battery
- ABS shock-proof cases
- Charging voltage: max 14.9 V
- Life of battery: 500 cycles
- Lighter socket cord (12V)
- Completely isolated clamps
- Cable diameter: 25mm
- Length of cables: 45 cm
- Net weight: 7 Kg.
(Booster dimensions: 33x27.5x13.5cm)
- Gross weight: 8 kg.
(packing dimensions: 45x29x16cm)



Made in Swiss

**Mod. T.B.12V MAXI
TURBO BOOSTER "MAXI" 12V - 2500 Amp**

CARS and VAN (for batteries from 0 to 140Ah)

- Internal battery: 12V - 22proAh
- Cranking rate: 800A
- Recharge: 230V
- Charging capacity: 12V - 1.5 Ah
- Charger: LESA 6A
- Automatic charger
- Voltage spikes protection
- Sealed non-spillable battery
- ABS shock-proof cases
- Charging voltage: max 14.9 V
- Life of battery: 500 cycles
- Lighter socket cord (12V)
- Completely isolated clamps
- Cable diameter: 25mm
- Length of cables: 85 cm
- Net weight: 9.5 Kg.
(Booster dimensions: 31x41x13.5cm)
- Gross weight: 11 kg.
(packing dimensions: 33x49x15cm)



Made in Swiss

**Mod. T.B.12V PROF
TURBO BOOSTER "PROFESSIONAL"**

12V - 4400 Amp

TRUCK and TRACTORS (for batteries from 0 to 200Ah)

- Internal battery: 12V - 22 Ah
- Cranking rate: 700A
- Recharge: 230V
- Charging capacity: 12V - 4Ah
- Charger: LESA 8A
- Automatic charger
- Voltage spikes protection
- Sealed non-spillable battery
- ABS shock-proof cases
- Charging voltage: max 14.9 V
- Life of battery: 500 cycles
- Lighter socket cord (12V)
- Completely isolated clamps
- Cable diameter: 50mm
- Length of cables: 160 cm
- Net weight: 18,5 Kg.
(Booster dimensions: 44x32x22cm)
- Gross weight: 21 kg.
(packing dimensions: 51x33x21,5cm))



Made in Swiss

**Mod. T.B.24V PROF
TURBO BOOSTER "PROFESSIONAL"**

24V - 3200 Amp
TRUCKS and EARTH MOVING
(for batteries from 0 to 170Ah)

- Internal battery: 12V - 23 Ah
- Cranking rate: 1150A
- Boost rate: 3200A
- Recharge: 230V
- Charging capacity: 24V - 2Ah
- Charger: LESA 7A
- Automatic charger
- Voltage spikes protection
- Sealed non-spillable battery
- ABS shock-proof cases
- Charging voltage: max 25.2 V
- Life of battery: 500 cycles
- No lighter socket cord
- Completely isolated clamps
- Cable diameter: 50mm
- Length of cables: 160 cm
- Net weight: 20.5 Kg.
(Booster dimensions: 44x32x22cm)
- Gross weight: 21 kg.
(packing dimensions: 51x33x21,5cm)



Made in Swiss

For tractors and industrial machines

- Mod. **1410** Seat "New Simplex" without arms
- Mod. **1411** Seat "New Simplex" with arms
- Mod. **1414** Seat "New Style" with arms
- Mod. **1415** Seat "New Style" without arms
- Mod. **1416** Pillow and Back
- Mod. **1417** Kit spare parts for arms



Mod. **1403**
Seat "Tractor"
complete with pillow
(reinforced steel)



Mod. **1444** Seat "New Style"
Adjustable spring
Adjustable sliding guide
Arms

For tractors and industrial machines



Mod. 1500
Seat "pilota"
Adjustable spring
Adjustable sliding guide



Mod. 1418
Adjustable spring



Mod. 1419
Adjustable spring

Mod. 1424
Adjustable sliding guide KIT

