

MANUAL BATTERY TUGGER™

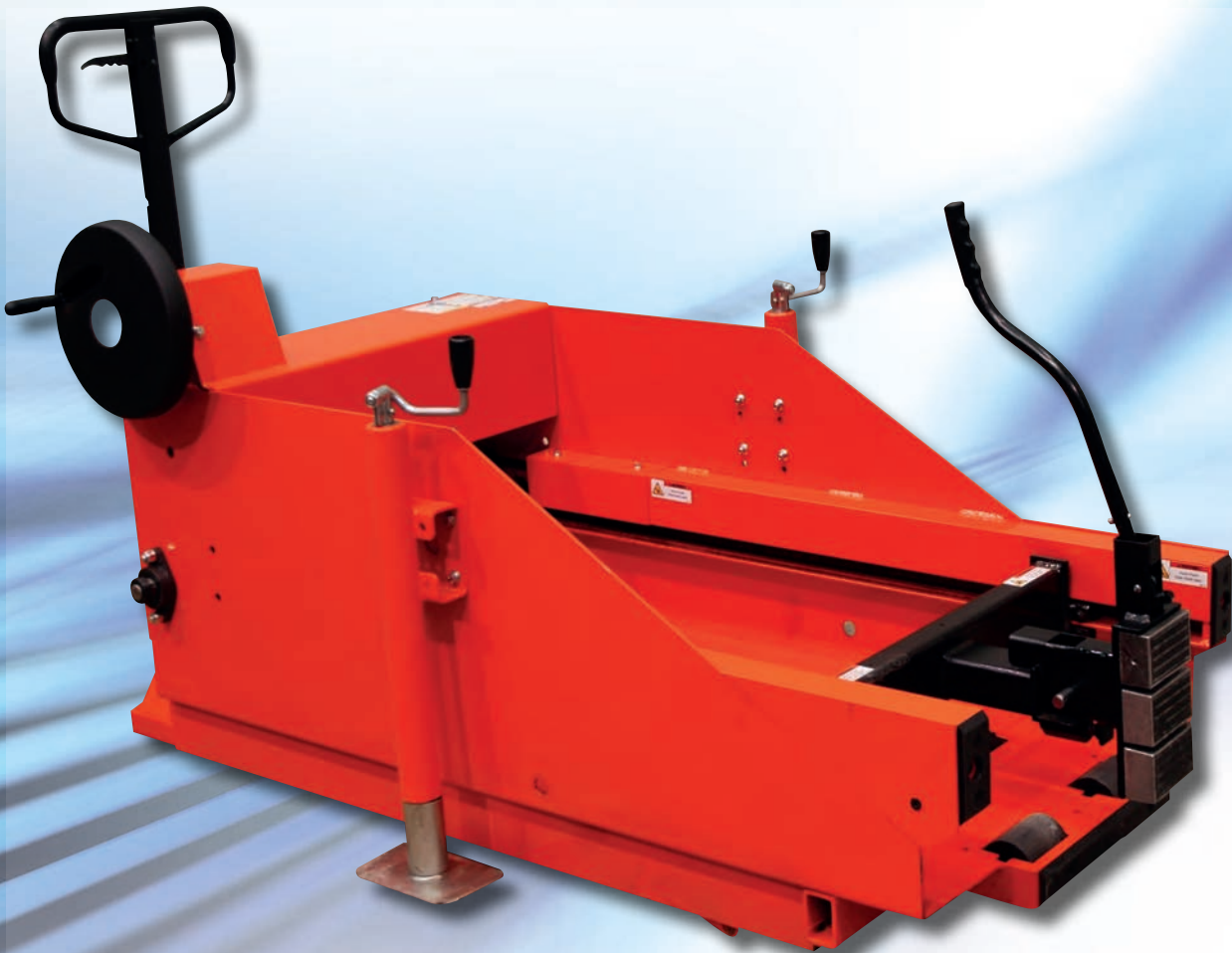
This new, manually operated change car fills a gap in the **ProSeries®** product range, offering the best in its class solution between the manual change car and battery tugger solutions. Advanced design enhances battery handling process, impacting on the smooth running of your business.

Battery extraction is performed by a permanently energised 4 pole magnet on a mechanical hand crank extraction arm with a turn ratio of 3.5:1, the magnet hold on the battery is broken by operating a release lever.

The Manual Battery Tugger™ is designed for an operation with up to 10 battery changes each day.

Optionally equipped with a hand pallet truck to achieve more mobility and roll off height adjustment, the tugger can be also supplied with fork pockets to work with a host truck.

**The Manual Battery Tugger -
your battery handling solution for light duty applications!**



EnerSys®, global leader in industrial batteries, has almost 20 years' experience in pioneering and promoting Battery Handling Solutions. Whether you have a small or large fleet of batteries, EnerSys can offer smart and reliable product with advanced flexibility and efficiency.

SPECIFICATION

Manual Battery Tugger™

General specification

1	Maximum load capacity	1045 kg
2	Magnet size (3 pcs ; 3"x4-1/4" permanent magnets)	114X254 mm
3	Compartment rollers (URETHANE coated)	Ø76 mm
4	Hex shaft	17.5 mm
5	Lead-in roller diameter	76 mm
6	Roller shaft diameter	12.7 mm
7	Drive chain type & size	Industrial, #50
8	Rated pull on painted 1/4" plate	295 kg
	Rated pull on painted 3/16" plate	218 kg
	Rated pull on painted 1/8" plate	148 kg
9	Arm travel speed (manual; variable)	0 ~ 6 M/min
10	Magnet reach past bumpers	139.7 mm
11	Service weight	325 kg
12	Colour	Blue, optionally other colours

Dimensional data

13	Overall length	1,930 mm
14	Overall width	1,016 mm
15	Overall height: body / top of handle	889 / 1,219 mm
16	MIN. roll out height 4" (standard)	starts at 101 mm and lifts to 228mm
17	Total vertical lift	127 mm
18	Bridge travel	1,105 mm
19	Battery compartment width	610 mm
20	Maximum battery length	990 mm
21	Maximum battery width	584 mm
22	Maximum battery height	N/A
23	Minimum battery length	N/A
24	Minimum battery width	152 mm
25	Minimum battery height	305 mm
26	Mechanical hand crank extraction	ratio 3.5:1 can be modified at factory



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