



# MANUAL ELECTRIC ROLL LIFTER

**Model : ESRL-10 M2 | Capacity : 1000 Kgs**

Manual Electric Roll Lifter from 'JAY' are very useful and cost effective solution for loading/unloading and shifting rolls. These equipment are easy to use push button operated equipment and manual movement. This range of ESRL-10 is also available in A.C. version, with flameproof electricals and with customisation as per applications requirements. There are many other compatible accessories available for use with this equipment in variety of applications. This range of equipment from JAY are very useful across all paper, packaging, steel industries.

### KEY FEATURES:

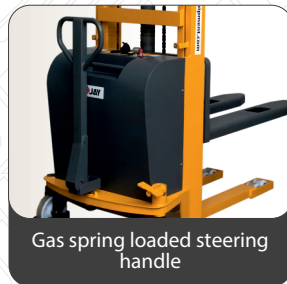
- In-built battery charger
- Steering wheel for easy maneuverability
- Robust chassis
- Battery indicator
- Foot guard for operator safety
- Long tiller for effortless operations



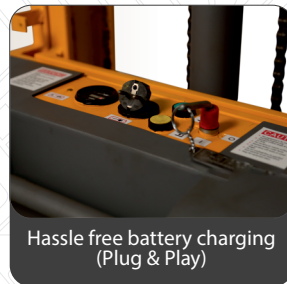
REDEFINING PERFORMANCE FOR YOUR BUSINESS.



Steered wheel with foot guard



Gas spring loaded steering handle



Hassle free battery charging (Plug & Play)



Battery Indicator, Push button control & key switch



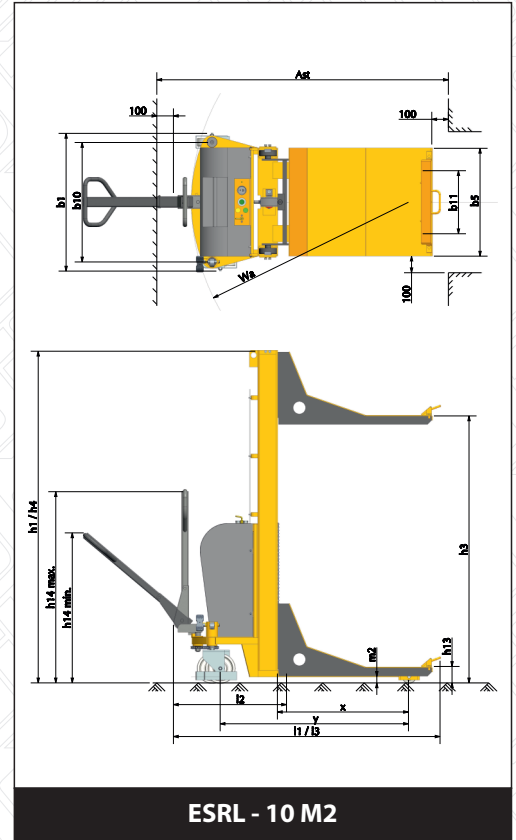
## SPECIAL PURPOSE EQUIPMENTS



# MANUAL ELECTRIC ROLL LIFTER

## SPECIFICATIONS

		UNIT	ESRL-10 M2	ESRL-10 M2	ESRL-10 M2	ESRL-10 M2	
CHARACTERISTICS	Drive type/Power	-	-	Semi-Electric	Semi-Electric	Semi-Electric	Semi-Electric
	Operation type/Driving mode	-	-	Hand	Hand	Hand	Hand
	Rated load capacity	Q	Kg	1000	1000	1000	1000
	Load centre distance	c	mm	700	700	700	700
	Track/Wheel base	Y	mm	1168	1168	1193	1193
WHEEL CHASSIS	Tyre	-	-	Nylon	Nylon	Nylon	Nylon
	Tyre size, rear/drive side	-	mm	Ø180X50	Ø180X50	Ø180X50	Ø180X50
	Tyre size, front/load side	-	mm	Ø82X70	Ø82X70	Ø82X70	Ø82X70
	Wheel number (front/load+rear/drive)	-	-	2+2	2+2	2+2	2+2
BASIC DIMENSION	Lift height	h3	mm	1200	1600	2500	3000
	Mast height lowered	h1	mm	1600	2000	1880	2130
	Extended mast height	h4	mm	1600	2000	3090	3590
	Handle height minimum/maximum	h14	mm	885/1165	885/1165	885/1165	885/1165
	Platform lowered height	h13	mm	100	100	100	100
	Overall length [With flap]	l1	mm	1765	1765	1790	1790
	Overall length [Without flap]	b1	mm	1665	1665	1690	1690
	Overall width	b1	mm	830	830	830	830
	Width Over carriage/Lateral distance of carriage	b5	mm	650	650	650	650
	Ground clearance	m2	mm	29	29	29	29
	Aisle width for reel w-800 x dia-1200 sideway/crossway	Ast	mm	2350	2350	2350	2350
	Aisle width for reel w-1000 x dia-1200 lengthway	Ast	mm	2400	2400	2400	2400
Turning radius	Wa	mm	1900	1900	1900	1900	
PERFORMANCE CAPABILITY	Lifting speed - laden/unladen	-	mm/s	80/120	80/120	80/120	80/120
	Lowering speed - laden/unladen	-	mm/s	120/80	120/80	120/80	120/80
	Parking brake	-	-	Manual	Manual	Manual	Manual
ELECTRIC MOTOR	Lift motor rating S3 15%	-	kW	1.6	1.6	1.6	1.6
	Battery voltage, nominal capacity K5	-	V/Ah	12 / 130	12 / 130	12 / 130	12 / 130
OTHER	Battery weight	-	kg	36	36	36	36
	Sound pressure level at operator's ear	-	dB (A)	<70	<70	<70	<70
WEIGHT	Turning angle	-	°	100	100	100	100
	Net Weight inclusive battery	-	kg	400	415	490	510



- \* This specification sheet only provides technical values for the standard equipment only. Customised equipments, Non-standard tyres, different masts, additional equipment, use of accessories, etc. may produce other values
- \* The values in the table are as per the standard test practices, and actual values may differ as per the site conditions.
- \* We reserve the rights to technical changes and improvements to, without any prior intimations.

DEC-2023

