

Bespoke custom design roll and reel handling equipment



- ▶ Sinolift manufacture a lot of bespoke roll handling equipment because there are so many variables relating to roll size, material and customers sites, Here are a few examples of custom designed roll lifters and handlers that Sinolift have designed for safe manual handling of rolls and reels.
- ▶ Sinolift can offer lots of different power options such as battery electric models, manual units and pneumatic air powered units for use in hazardous areas. Sinolift also build full stainless steel pharmaceutical units and ATEX certified equipment for Zoned areas. Sinolift bespoke real & roll handling equipment is designed and manufactured in China allowing compliance with the manual handling regulations.
- ▶ Sinolift is experts in solving roll and reel handling problems. Sinolift has a wealth of experience working with all types of rolls and reels, if a customer tells us of a problem Sinolift can work with them until Sinolift provide them with a solution, Sinolift will even send a technical design engineer to your site to assess your requirements.



Easy Lift, Easy Life!

Designed specifically for sign makers and other businesses with the need to handle wide or heavy media rolls. It enables users to quickly and effortlessly lift media as heavy as Max. 600 kg (1320 lbs) and as wide as 500 cm (16 feet 5 inches), with diameters as great as 41 cm (16.14 inches). The ergonomic pull bar allows users to maneuver around tight corners and through narrow passages.

- Easy to use operation reduces on-the-job injuries.
- User-friendly operation avoids costly and dangerous handling mistakes that damage media.
- Single-person operation saves labor and time.
- Designed to operate even in shops with limited floor space.
- Rugged construction ensures long lifter life.
- Ergonomic pull bar.



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PFR Manual Hydraulic Jumbo Roll Lifter

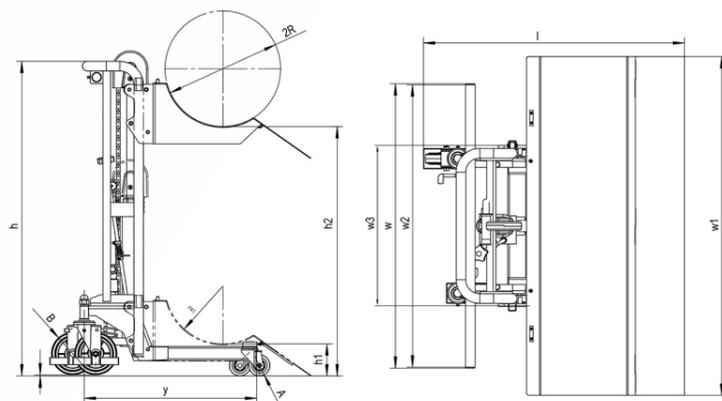
The PFR series Roll Lifter are designed specifically for grand- and wide format printers, sign makers, and anyone responsible for lifting wide or heavy media rolls.

Features:

- Extended nylon safety straps provide leverage to help guide the roll into the trough and ensure materials are secured for transport.
- Concave trough design of the media tray stabilizes rolls for transport.
- Foot pump allows for smooth, effortless lifting within minutes.
- 360° heavy-duty rotating (and locking) casters enable maneuvering through standard doors and narrow passages.
- Solid steel handle extension provides additional control for the user to maneuver materials in tight spots.
- 2-year warranty on all wheels, hydraulics and media tray.
- 5-year warranty on cross bars.



Model			PFR4085	PFR4120	PFR4150
Roll Load Capacity		kg(lbs)	400(880)	400(880)	400(880)
Load Center	c	mm(inch)	450(17.71")	450(17.71")	450(17.71")
Wheelbase	y	mm(inch)	612(24.09")	612(24.09")	612(24.09")
Bottom Fork Clearance	h1	mm(inch)	115(4.53")	115(4.53")	115(4.53")
Max. Lifting Height	h2	mm(inch)	850(33.46")	1200(47.24")	1500(59")
Max. Roll Diameter	2R	mm(inch)	410(16.14")	410(16.14")	410(16.14")
Max. Roll Width		m(inch)	5(16'5")	5(16'5")	5(16'5")
Overall Length	l	mm(inch)	926.5(36.47")	926.5(36.47")	926.5(36.47")
Overall Width	w	mm(inch)	1008 (39.67")	1208 (47.56")	1008 (39.67")
Overall Height	h	mm(inch)	1115(43.9")	1475(58.07")	1775(70")
Width of Loading Tray	w1	mm(inch)	1200(47.24")	1200(47.24")	1200(47.24")
Width of Handrail	w2	mm(inch)	1000(39.37")	1200(47.24")	1000(39.37")
Width of Load Frame Cross Member	w3	mm(inch)	680(26.77")	680(26.77")	680(26.77")
Load Wheel (Swivel)	A	mm(inch)	Φ75x40(Ø3"x1.57")	Φ75x40(Ø3"x1.57")	Φ75x40(Ø3"x1.57")
Rear Wheel (Swivel)	B	mm(inch)	Φ150X40(Ø5"x1.57")	Φ150X40(Ø5"x1.57")	Φ150X40(Ø5"x1.57")
Weight		kg(lbs)	85(205)	90(198)	95(209)



Circular Tray
The large tray is specifically designed to handle large diameter, heavy rolls.



Push Bar
Ergonomic push bar permits easily maneuvering of large, heavy rolls.



Roll Ramp Tray
For easy loading from the floor and handling large diameter, heavy rolls.



Roll Platform
Roller platform is designed to allow operators to feed rolls into their machines directly from the lifter.

- Easy to use operation reduces on-the-job injuries - Lift up to 300kg (660lbs) rolls up to 5 meters (16 feet 5 inch) long!
- User-friendly operation avoids costly and dangerous handling mistakes that damage media
- Single person operation saves both time and labor
- Designed to operate even in shops with limited floor space
- Rugged construction ensures long lifter life
- Newly updated ergonomic pull bar and stronger media tray

EFR Semi-electric Jumbo Roll Lifter

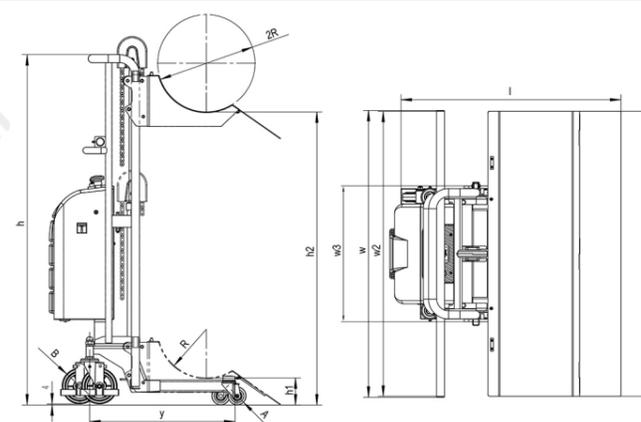
The EFR Media Roll Lifters is designed to fit laminators and other brands. Eliminates manually lifting and lowering rolls, Saving time and keeping operators safe.

Features:

- Powerful DC motor easily lifts and lowers rolls, eliminating manual labor and power lift reduces roll changeover time.
- Lifts rolls up to 1500mm (59 inches) to easily load and unload rolls onto the laminators.
- Thin flat roll tray easily fits into the side of the roll loading area on laminators.
- Pair of heavy-duty rear swivel casters with easy step-on locking brake.
- Reduces on-the-job injuries and enables all workers to move heavy rolls.
- User-friendly operation avoids costly and dangerous handling mistakes that damage media.
- Rugged construction ensures long lifter life.
- Single-person operation saves labor and time.



Model			EFR3085	EFR3120	EFR3150
Roll Load Capacity		kg(lbs)	300(660)	300(660)	300(660)
Load Center	c	mm(inch)	350(13.75")	350(13.75")	350(13.75")
Wheelbase	y	mm(inch)	612(24.09")	612(24.09")	612(24.09")
Bottom Fork Clearance	h1	mm(inch)	115(4.53")	115(4.53")	115(4.53")
Max. Lifting Height	h2	mm(inch)	850(33.46")	1200(47.24")	1500(59")
Max. Roll Diameter	2R	mm(inch)	410(16.14")	410(16.14")	410(16.14")
Max. Roll Width		m(inch)	5(16'5")	5(16'5")	5(16'5")
Overall Length	l	mm(inch)	974(38.34")	926.5(36.47")	974(38.34")
Overall Width	w	mm(inch)	1208 (47.56")	1208 (47.56")	1208 (47.56")
Overall Height	h	mm(inch)	1122(44.17")	1475(58.07")	1775(70")
Width of Loading Tray	w1	mm(inch)	1200(47.24")	1200(47.24")	1200(47.24")
Width of Handrail	w2	mm(inch)	1200(47.24")	1200(47.24")	1200(47.24")
Width of Load Frame Cross Member	w3	mm(inch)	680(26.77")	680(26.77")	680(26.77")
Load Wheel (Swivel)	A	mm(inch)	Φ75x40(Ø3"x1.57")	Φ75x40(Ø3"x1.57")	Φ75x40(Ø3"x1.57")
Rear Wheel (Swivel)	B	mm(inch)	Φ150X40(Ø5"x1.57")	Φ150X40(Ø5"x1.57")	Φ150X40(Ø5"x1.57")
Battery (Maintenance-free Lead Acid)		V/Ah	12/60	12/60	12/60
Charger		V/A	12/10	12/10	12/10
Weight		kg(lbs)	93(205)	123(271)	153(337)



Control Panel
The tray lifts and lowers with the push of a button, uses standard outlets for re-charging.



Front Swivel Casters
3 inches H front swivel casters fit under laminators and other machines with low clearances.



Safety Straps
Safety straps secure rolls to the tray and prevent shifting during transport.



Battery and Charger
12 volt hydraulic motor pump supplied by one 12 volt batterie. 220 /12 v charger incorporated.

- Designed to fit laminators and other brands with 59 inches light heights with a powerful DC motor, the jumbo lifter eliminates the manual labor of lifting and lowering rolls, reducing roll changeover time.
- The Sinolift jumbo lifter enables users to effortlessly lift rolls as heavy as 300 kg (660 lbs) and as wide as 410 cm (16.14 inches). The flat roll loading tray fits most laminators and easily reaches laminator's upper loading shaft height. Two adjustable roll wedges for positioning rolls on the tray are removable for loading and unloading.