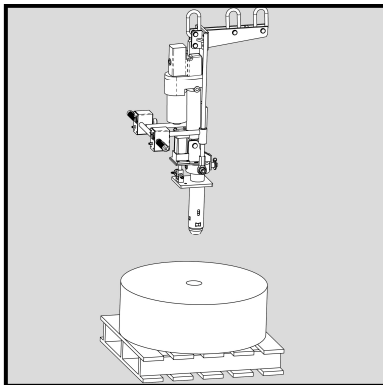


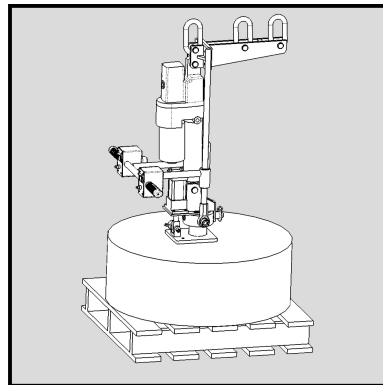
Finger-Tip Control!

For lifting-turning-transporting of rolls and materials with core diameters ranging from 3"-16" and weights from 0-2000 lbs.

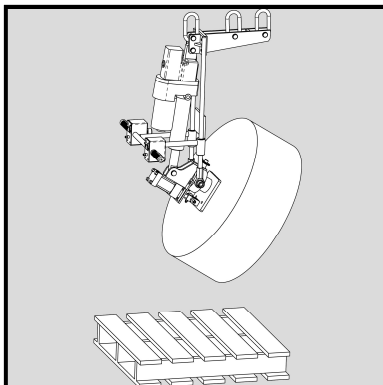
Paper • Film • Foil



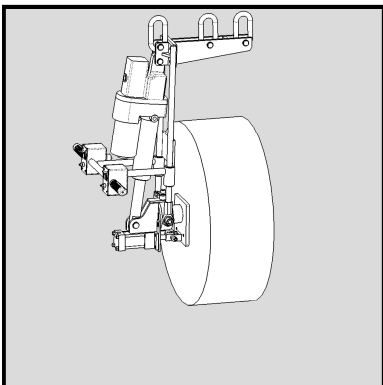
Guide the probe into the hole up to the flange.



Raise the load.



To turn in horizontal direction, push Tilt Up. To turn in vertical direction, push Tilt Down.



To disengage probe from roll, lower load into resting position and press the tooth release button and remove the probe from roll.



Pneumatic Tip Lift with pneumatic tooth release



Electric Tip Lift with manual tooth release



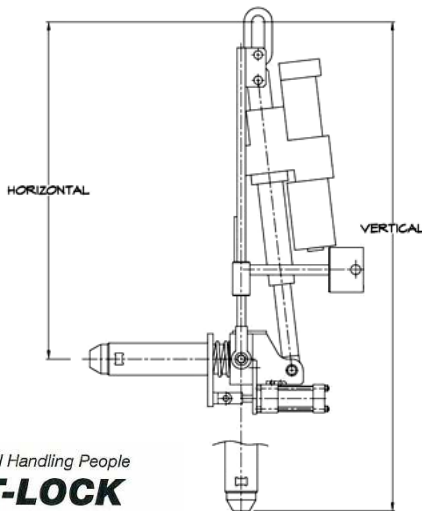
There are three Tilt Lock Tip Lift models to choose from: the L1, L2 and L3.

The spring loaded Tip Lift probe is easily inserted into the center core of the material. Four gravity activated teeth on the probe's end grip the core firmly.

This patented method assures the load cannot be disengaged from the probe while the load is suspended in air. This is an important safety feature. Once the probe is inserted in the roll, the load is tipped, lifted and moved to wherever it is needed. Once the roll material is moved to the space required, it can be easily lowered into position. Then, with just a squeeze of the handle grip, the probe's grip on the core is released. All controls are operated by a finger controlled push button, making for ease of operation. Tip Lift can grip vertical and horizontal rolls with equal control. (Note: Tip Lift cannot be released when the load is suspended in air).

Tip Lift Dimensions

Model	Horizontal	Vertical
LS1 Electric	31"	44"
L1 Electric	43"	56.5"
L2 Electric & Air	52"	65.5"
L3 Electric & Air	52"	65.5"
LS1 Air	31"	44"
L1 Air	43"	56.5"
Manual Tip Lift	11"	25.5"



Air Tip Lift Capacity

ROLL WIDTH IN INCHES	70"	260	260	750	1000
	60"	300	300	860	1050
	50"	350	360	1020	1360
	40"	430	440	1240	1660
	30"	550	560	1590	2000
	20"	770	780	2000	2000
	10"	1250	1260	2000	2000
			LS1	L1	L2
		5" Bore	5" Bore	6" Bore	8" Bore
ROLL WEIGHT IN POUNDS (Minimum 80psi required)					

Electric Tip Lift Capacity

ROLL WIDTH IN INCHES	70"	170	190	500	1000
	60"	200	200	570	1150
	50"	230	260	670	1350
	40"	290	320	820	1650
	30"	370	410	1050	2000
	20"	510	570	1460	2000
	10"	830	930	2000	2000
			LS1	L1	L2
ROLL WEIGHT IN POUNDS					

Performance Specifications

- 115V AC-powered, single phase, 60 Hz.
- Electric actuators not to exceed 10 cycles per hour on L2 and L3 units; 35 cycles per hour on L1 units.
- L1 Electric Tip Lift turns in 6 seconds.
- L2 Electric Tip Lift turns 15 seconds.
- L3 Electric Tip Lift turns in 18 seconds.
- Air Tip Lifts are approximately twice as fast and supplied with flow control mufflers for adjustment. Minimum 80 P.S.A required.
- Minimum 3" wide roll required for probe to work properly.
- Tip Lifts can be supplied with a quick release pin for interchanging probes to accommodate different core diameters as needed.
- Some operators may have difficulty squeezing the V-shaped handle required to retract the teeth. We offer a pneumatic tooth release package. Contact factory for details.