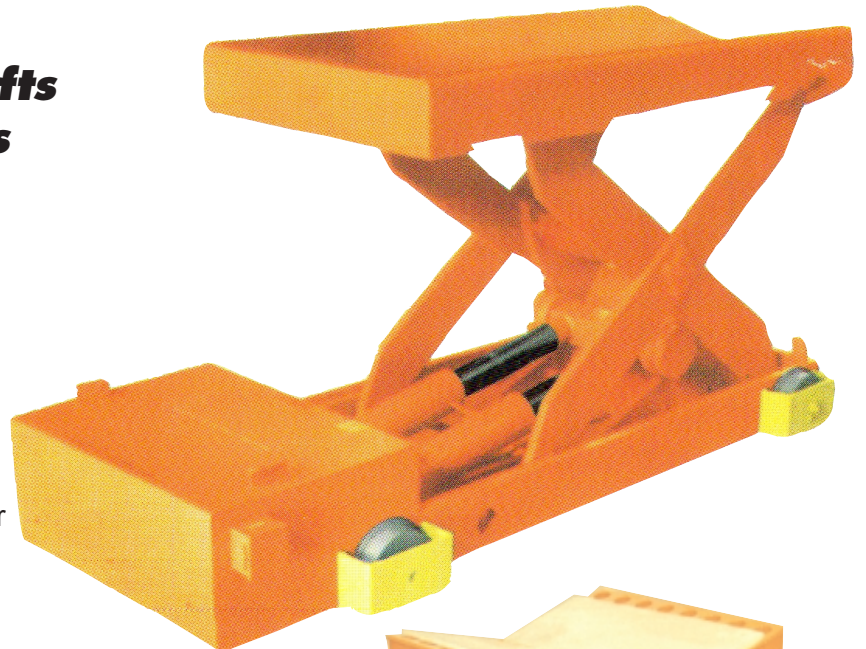


SOUTHWORTH

SCISSOR LIFT COIL CARS

A wide variety of self propelled low profile lifts for handling metal coils

- Capacities from 4,000 lbs to 100,000 lbs.
- Vertical lifts to 48"
- Low profile - can be surface mounted with no pit required
- Clear platform access - no masts
- Improved operator visibility
- Coil supported at four-points - no cantilever
- Heavy duty construction
- CAD engineered
- Self contained and ready for operation
- Fully tested
- Full one year warranty
- Wide range of options and custom modifications
- 35 years of coil car experience.



Standard Features

Lift Mechanism

Capacities: 4,000 lbs to 12,000 lbs.

LS direct thrust style cylinders act directly on legs.

Capacities: 10,000 lbs to 45,000 lbs.

L Cam style, cylinders push wheels between two cams.

Capacities: 40,000 lbs and up.

Opposed cylinder style. Cylinders on both sides of center pivot act directly on legs.

Hydraulic Power Unit

Intermittent or continuous duty electric motor.

Positive displacement gear pump.

Four-way directional valve stacks on manifold.

Oversized steel reservoir filled with hydraulic fluid.

Suction filter.

10 micron return line filter.

SAE 100 hosing.

Power Unit Location

End, side or off board.

Hydraulic Cylinders

Low pressure welded style cylinders.

Double acting cylinders in L Cam and opposed cylinder style machines.

Chrome-plated rods.

Honed seamless tubing.

UHMW polymer or cast iron rod bearings with wiper/scrapper.

Aluminum or steel piston with poly U-cup packing.

Traverse Drive

Hydraulic motor (two or four wheel driven) with crossover relief circuit for braking.

Flow control for adjustable traverse speed.

Platform

Flat lift platform with vee cradle to suit.

Controls and Electrical

NEMA 12 rated control devices.

Wiring to NEC standards.

Cabling

Cable reels or power track.

Construction

Solid flame-cut contoured legs.

Needle bearing, cam follower leg rollers.

Stress proof grade (100,000 p.s.i. ensile) shafts and pins.

High duty composite bushings at all pivot points.

All pivot points regreasable.

Hardened, flanged wheels with oversized anti-friction bearings.

Mig shielded arc welds.

Standard Options

Power Units

3 to 30 HP on board.

Continuous running power unit.

Variable volume piston pump.

Soft shift valving.

Proportional valving.

Cylinders

The rod style.

Drive Styles

Gearmotor.

Linear actuator (hydraulic cylinder).

Crab style.

Platforms

Flat with narrow built up vee cradle.

Cradle lines (poly, UHMW polymer, Micarta).

Rolls poly covered.

Rolls driven.

Banding slots.

Tilting cradles.

Turntables.

Segment retaining bars.

Controls

Remote control stations.

Onboard controls.

Limit switches.

Proximity switches.

Position transducers.

Rotary encoders.

Cabling

Hot track.

Festoon.

Miscellaneous

Spool arms.

Special finishes.

Signals: visual or audible.

CE compliant.



SOUTHWORTH

SOUTHWORTH PRODUCTS CORP

The Coil Handling Specialists

P.O. Box 1380, Portland, ME 04104-1380

Tel. (800) 743-1000 • (207) 878-0700

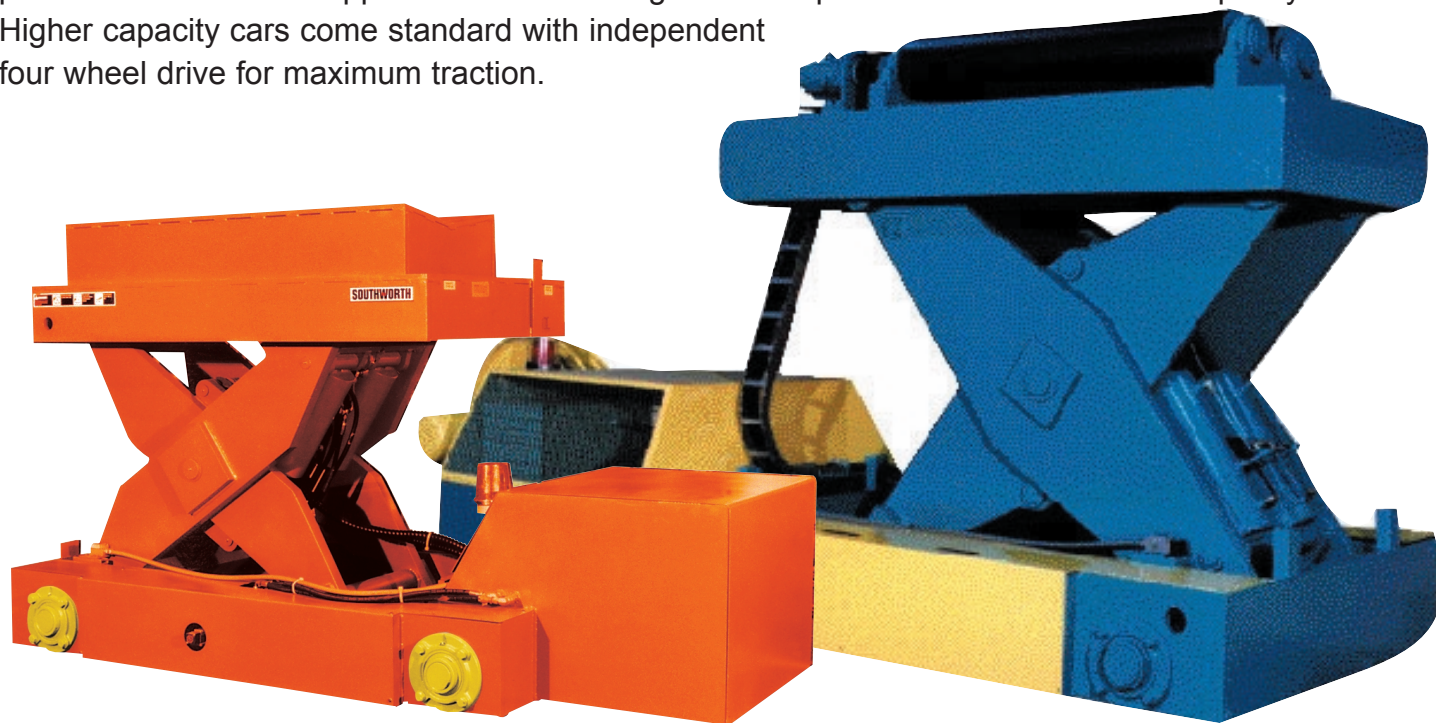
Fax (207) 797-4734

www.SouthworthProducts.com

SOUTHWORTH

Opposed Cylinder Style Coil Cars

Opposed cylinder style coil cars are designed for large heavy coil handling in process lines, mills and other high duty applications. The cylinder(s) push upon one side of the scissors center pivot and down on the opposite side facilitating minimum pivot wear and maximum capacity. Higher capacity cars come standard with independent four wheel drive for maximum traction.



Models Available

Model	Capacity	Vertical Lift	Lift Table Length	Low Height Lift Table Platform
MLCC40-28	40,000	28"	64"	23.75"
MLCC40-33	40,000	33"	72"	23.75"
MLCC40-44	40,000	44"	92"	24"
MLCC50-28	50,000	28"	64"	23.75"
MLCC50-33	50,000	33"	72"	23.75"
MLCC50-44	50,000	44"	92"	24"
MLCC60-28	60,000	28"	64"	24'
MLCC60-32	60,000	32"	72"	24.25"
MLCC60-44	60,000	44"	92"	24"
MLCC70-28	70,000	28"	64"	24"
MLCC70-32	70,000	32"	72"	24.25"
MLCC70-44	70,000	44"	92"	26"
MLCC80-31	80,000	31"	72"	24.25"
MLCC90-36	90,000	36"	84"	31"
MLCC100-46	100,000	46"	92"	32"

Overall dimensions depend upon drive, power unit, platform and cabling added to base lift tables.

For full specifications and a quotation, complete and return a coil car inquiry sheet to coil car sales to:



SOUTHWORTH

SOUTHWORTH PRODUCTS CORP

The Coil Handling Specialists

P.O. Box 1380, Portland, ME 04104-1380

Tel. (800) 743-1000 • (207) 878-0700

Fax (207) 797-4734

www.SouthworthProducts.com