



HOISTS AND PULLERS

SERIES 640 LEVER TOOL (PULLER) C.M.

Designed for heavy-duty construction and industrial applications

The Puller is a highly versatile tool that can be used to pull, lift, drag or stretch. The weatherized Weston type braking system is so reliable that the load is always under control and can be positioned at any point. Even under hostile conditions, the puller resists malfunction due to dust, grit and water that cause brake slippage. Only 58 pounds of pull required on 3/4 Ton model to lift capacity.

- Tough aluminum alloy construction for strength and durability
- Hoist alloy hardened steel link type load chain provides strength, long wear life and flexibility
- Compact, lightweight, simplified construction for ease of use and service.
- Weatherized, automatic friction brake for positive load control
- Easy operating – with one hand control
- Forged steel upper and lower hooks, hardened for strength and durability
- Heavy-duty hook latches are standard
- Backed by CM service network and a one year replacement policy on all parts.



Optional Load limiter Protection Device :

Load Limiter assures protection in overload conditions. When dangerous overloads are applied to the tool by the application of excessive lever force, the Load Limiter stops additional transmission of lever forces to the tool. You may order Load Limiter as part of your new CM Puller or in a kit for easy installation on tools now in use.

Optimal Anchor Sling®

Anchor Sling is an upper Hook extender that simplifies attachment where application or space limitation makes it impossible to pull in a straight line from hook to hook. Swiveling anchor block is securely fixed to the tool housing and the upper hook swivels through a full 360° rotation. Anchor Sling may be ordered as an option or in kit form for simple installation on models already in use.

CODE	MAXIMUM CAPACITY* (Tons)	STANDARD LIFT, (ft.)	PULL ON LEVER TO LIFT FULL LOAD lbs.	WEIGHT PER PAIR lbs.	SHIPPING WEIGHT lbs.	MINIMUM DISTANCE BETWEEN HOOKS in.	STANDARD LEVER LENGTH in.
4113	3/4	5	58	14	16	10 3/4	21 1/4
4115	1 1/2	5	83	24	26	14 1/4	21 1/4
4117	3	5	95	44	47	17	21 1/4
4120	6	5	96	65	74	21 3/8	21 1/4

*WARNING : Never exceed maximum capacity. Load sentry kits available.



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Standard hand chain drop reaches to a point 2 feet above lower hook when in its lowest position. Low headroom trolleys are available for all Cyclone hoists.

HERCULES is a C.M. master parts distributor and warranty depot, and can Repair, Test, and Certify all hand and electric hoists and pullers.

SERIES 646 (Cyclone) C.M.

Series 646 is a high speed, spur geared hoist that delivers maximum efficiency and requires minimum maintenance. Corrosion-resistant aluminum alloy frame construction is lightweight, yet rugged. CM Hoist alloy load chain-equipped for flexibility, strength and durability. Low headroom and compact design make Series 646 easy to install.

Series 646 is equipped as standard with Load Limiter for automatic overload protection.

Series 646 has a fully enclosed brake requiring no lubrication. Neither extremes of temperature nor frequent stops will affect its positive load control.

Latch type hooks are standard on all capacities. Latchlok hook available as optional equipment.

CODE	MAXIMUM CAPACITY* (Tons)	STANDARD LIFT, (ft.)	WEIGHT lbs. EACH	SHIPPING WEIGHT lbs.	SHORTEST DISTANCE BETWEEN HOOKS in.	CHAIN OVERHAULED TO LIFT LOAD ONE FOOT (ft.)	CHAIN PULL TO LIFT FULL LOAD (lbs.)
5002	1/2	8	33	35	12 7/8	22 1/2	46
5004	1	8	36	38	14	30	69
5005	1 1/2	8	59	63	17 5/16	40 1/2	80
5006	2	8	60	64	17 5/16	52	83
5007	3	8	84	91	21 1/2	81	85
5008	4	8	91	98	21 1/2	104	88
5009	5	8	122	129	24 1/4	156	75
5010	6	8	127	134	25 1/4	156	90
5011	8	8	207	237	35 1/2	208	89
5012	10	8	219	244	35 1/2	160	95



SAMSON LEVER HOIST

The Samson lever hoist is of rugged steel construction, lightweight compact design. Complete with swivel hooks and latch kits



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MAXIMUM CAPACITY* Tons	STANDARD LIFT (ft.)	HANDLE PULL lbs.	HANDLE LENGTH in.	MIN. DIST. BETWEEN HOOKS in.	WEIGHT lbs. EACH
3/4	5	35	11 1/2	11 3/8	18
1-1/2	5	40	16 1/4	16 5/8	27
3	5	73	16 3/16	19 1/8	44

***WARNING :** Never exceed maximum capacity.

SAMSON HAND CHAIN HOIST

The Samson Hoist comes with hardened load chain for flexibility, strength and long wear. Standard Features include weather resistant outdoor housing and fabrication free positive load brake. It is compact and light and is easily installed in constricted areas. It is available in capacities from 1/2 to 5 Tons. It is a heavy duty, lightweight hoist, ready for any construction job site or industrial plant.

MAXIMUM CAPACITY* Tons	STANDARD LIFT (ft.)	STRANDS OF CHAIN	CHAIN PULL TO LIFT LOAD (lbs.)	SHORTEST DISTANCE BETWEEN HOOK in.	WEIGHT lbs. EACH
1/2	8	1	48	10	15
1	8	1	75	12	22
2	8	1	77	17	53
3	8	2	57	22	69
5	8	2	95	24	74

***WARNING :** Never exceed maximum capacity

Samson hoists are available from stock with any length hand and load chain needed for your application. **HERCULES can repair, test and certify all hand and electric hoists and pullers.**



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