



# LONG-STROKE FILTER REMOVER WITH DUAL HOOKS

## PROJECT 36903

Removing heavy filter elements from tall housings in a crowded plant space is difficult and risky with a basic hoist and boom. Project 36903 is a custom Alum-a-Lift designed to lift approximately 75 lb. filters straight out of their housings using a long vertical stroke and dual hooks that engage existing lifting loops on top of each filter. The lift provides a stroke range of roughly 9 to 13 ft., allowing it to pick up the filters from their normal operating height and raise them high enough to clear the 4 ft.-long housings and bring them into a safe, accessible position for maintenance.

At the top of each filter, two lifting loops are spaced about 8.5 in. apart; the lift's hook bar is configured with two fixed hooks matched to this spacing so the operator can quickly engage both loops for a secure, balanced lift. The hooks are positioned to reach past any existing support legs, so the lift can connect from the side without interference. With the loops sitting around 7 ft. 7 in. above the floor and only about 17 in. of clearance to an overhead beam on that side of the housings, the mast and hook geometry are carefully sized to provide enough vertical travel to pull the filters to approximately 12 ft. high while still fitting within the overhead limits.

Floor drains and low piping in the area add another layer of complexity. The lift is designed with a compact, maneuverable base that can navigate around these obstructions while maintaining stability under load. By replacing the current overhead hoist and boom arm—which extends out over the housings and can be awkward to position. This dedicated filter-lifting solution gives operators a more controlled, repeatable way to remove and reinstall filters straight along their axis. Long-stroke vertical lifting, dual hooks matched to loop spacing, and a compact base tuned for real-world floor conditions can be adapted for other filter and cartridge removal tasks in industrial, process, and utility systems where overhead space is tight and manual hoisting is no longer acceptable.



### Model

C800CSLRPDT-81-81

### Handling

75 LB [34 KG]  
Filter Holders

### Featuring

Goose-Necked Articulating Arm w/ Hooks,  
Powered Drive Wheel, Telescoping Mast

Alum-a-Lift designs and manufactures turnkey ergonomic lifting solutions for companies around the world. Our proven solutions help manufacturers meet their material handling needs safely and efficiently.

+1 770 489 0328    application@alum-a-lift.com    alum-a-lift.com

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