

**120 VOLT ELECTRIC  
YELLOW BELLIED  
SUMP SUCKERS**

*10 year warranty against tank leaks!*



**MASTER CHEMICAL CORPORATION**

*Fluid Solutions for Metalworking*

# 120 VOLT ELECTRIC YELLOW BELLIED SUMP SUCKERS

All of the safety and convenience features of our standard sump suckers are now available in an easy-to-use, powerful, virtually maintenance-free, 120 volt electric sump cleaner. Our electric sump sucker develops high suction rates for minimum machine downtime during coolant pumpouts and machine cleanings. For the first time, performance approaching that of our motor-driven sump cleaners is available to those who want 120 volt electric power units.

## DESCRIPTION

- Average suction rate of 60 gpm, discharge rate up to 40 gpm
- 120 volt, single phase 50Hz/60Hz electric powered
- 220 volt, single phase 50Hz/60Hz is also available
- Same robust tank design as existing YBSS line – **10 year warranty against tank leaks\***
- On/Off switch operation powered by standard 120 volt, 20 amp electrical outlet (running amp draw is 12 amps)
- Suction and discharge control valve

## SPECIFICATIONS & FEATURES

### Tank Capacities Available:

- Single compartment–65, 100, 175 gal. [246, 380, 660 l.]
- Twin compartment–40/40, 50/50 and 100/100 gal. [150/150, 190/190, 380/380 l.]
- All are “push-around” units and feature high maneuverability, low-rolling resistance, center-mounted main wheels and end-mounted casters. A “tow package” is available as an option.

### Tank Overfill Protection:

- Positive sealing mechanical floats shut off vacuum when tank is full.

\* Contact Master Chemical Corporation for more details regarding this warranty.

### Sludge Basket:

- 5.3 ft.<sup>3</sup> [0.15 m<sup>3</sup>] in 100/100 and 175 gal. units [380/380, 660 l.]
- 3.5 ft.<sup>3</sup> [0.10 m<sup>3</sup>] in 40/40, 50/50, 65 and 100 gal. units [150/150, 190/190, 246 and 380 l.]
- Basket is lined with a reusable polypropylene mesh filter sleeve or additional disposable paper filter bag for finer filtration.
- Basket bottom is a solid steel “trap-door” held closed by our positive locking bolt and opened by our exclusive safety remote cable release; the operator does not risk injury emptying the basket or removing it from the unit.

### Sludge Basket Lid:

- Held in place with our exclusive quick open/quick close toggle clamps.
- Fitted with our “double 45°” jam-resistant suction inlet and 2" NPT suction inlet valve.

### Cleaning Tools:

One round tool is included: 2" [50mm] dia. x 36" [1m] long. Crevice tools, flexible nozzles, squeegees, hand gulpers and floor gulpers are available as options for both 2" [50mm] and 1½" [38mm] dia. hoses.



### Hoses:

- Light, flexible, oil-resistant, wire-reinforced, smooth interior.
- Suction–2" I.D. x 15' L (50mm I.D. x 4.5m.L) with a 2" x 36" L (50mm x 900mm.L) round cleaning tool.
- Discharge–1-1/2" I.D. x 15' L (38mm I.D. x 4.5m.L) with a rugged, lightweight gasoline type discharge nozzle.
- Quick disconnects are standard equipment.

### Tank Access:

- Quick on/off 12" dia. [300mm] external, leakproof access port and 2" NPT drainhole on each compartment (100, 175, 100/100 units).

## PERFORMANCE

The following are performance results of the 65 & 100 gallon units along with competitor performance:

### Suction Testing (Evacuation Rate) at Floor Level

|                                      | Gallons of Water | Average Time(s) | Evacuation rate, GPM | Ability to pick up ½" diameter stone (Y or N) |
|--------------------------------------|------------------|-----------------|----------------------|---|
| MCC 65 gal. unit w/15' hose          | 10               | 8.75            | 68.57                | Yes   |
| MCC 100 gal. unit w/15' hose         | 10               | 9.43            | 63.63                | Yes   |
| Competitor's 90 gal. unit w/16' hose | 10               | 22.8            | 26.32                | No  |

For prices or additional information on special units or special applications, contact your Master Chemical Corporation Distributor:



## master chemical corporation

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