

# Balcrank



## Fluid Dispensing Systems

# DRAINS

USED OIL  
EQUIPMENT



# USED FLUID EQUIPMENT | ROUGHNECK II™ SERIES

The Roughneck II™ Series drain is the fast, affordable way to capture used oil and transfer it into any bulk storage tank or drum using regular shop air. The Roughneck II™ has a patented automatic fluid evacuation valve (US Patent 5,921,262) which eliminates gravity draining, pouring, or the need for an evacuation pump. A seven-foot, quick-disconnect hose remains with the 23 gallon storage tank, keeping it out of the way until it is ready to be used again. A low pressure safety valve prevents over-pressurization, s-hooks provided allow for hanging tool from bowl for quick retrieval and the clear evacuation-hose doubles as a sight level tube showing the fluid level in the steel tank. The Roughneck II™ features non-marking large 10-inch rubber wheels and extra-wide rubber 4-inch front casters to maneuver over the toughest shop floors. The Roughneck II™ is a NFPA approved design. It is delivered in Black for used oils and Green for used antifreeze unless otherwise requested. Other colors available are blue, yellow, white and red, (two-week lead time requested on special color requests). Reference SB4027.



USED OIL EQUIPMENT

## MODELS AVAILABLE

- 4110-022 Used Oil Drain
- 4110-023 Used Antifreeze Drain

## FEATURES

- Capacity: 23 gallons
- 47" to 74" telescoping bowl height
- 19.25" bowl with screen
- Large diameter rubber wheels and wide casters
- Heavy gauge, all steel construction
- Tip resistant balanced design
- Level gauge
- Antifreeze drains painted with green powder coat

Service bulletin SB4022

## MODELS AVAILABLE

- 4110-012 Used Oil Drain
- 4110-017 Used Antifreeze Drain

## FEATURES

- Capacity: 16 gallons
- 41" to 65" telescoping bowl height
- 19.25" bowl with screen
- Male drybreak coupler included for top port evacuation
- Drum dolly included
- Level gauge
- Antifreeze drains painted with green powder coat

Service bulletin SB4020

## MODELS AVAILABLE

- 4110-010 Used Oil Drain
- 4110-018 Used Antifreeze Drain
- 4110-011 Drumless Used Oil Drain
- 4110-019 Drumless Used Antifreeze Drain

## PREMIUM DUTY SERIES

Note: Same Features as the Roughneck series on previous page with no pressurized fluid evacuation



4110-012



4110-017

## SPILLGUARD SERIES



4110-010



4110-018

## FEATURES

- Capacity: 17 gallons
- Extract used oil and other fluids from any vehicle - safer, cleaner
- No more stripped drain plugs
- Great for cars, boats, motorcycles, and small engines
- Easily remove overfills
- Vacuum-charged unit is completely portable and easy to use
- Includes six suction probes (metal and flexible)
- Suction probes equipped with quick-disconnect couplers
- Adapters for BMW and Volkswagen included
- Self-evacuating feature makes emptying clean and easy
- Clear bowl capacity: 2 gallons
- Service bulletin SB4045

## MODELS AVAILABLE

- 4140-024** Oil Evacuator
- 4140-025** Oil Evacuator with Clear Dome and Mercedes Adapter

## Specifications

Tank capacity . . . . . 17 gallons  
Max. draining capacity . . . . . 12 gallons  
Air pressure for vacuum . . . . . 100 PSI  
Depressurization time . . . . . 2-2.5 minutes  
Noise level . . . . . 75 DBA  
Suction rate . . . . . 0.4-0.5 GPM  
Suction hose . . . . . 6.5 ft.  
Draining hose . . . . . 6.5 ft.  
Dimensions . . . . . 23" x 15" x 34"



## FEATURES:

- 5 gallon capacity
- Set screw to hold adjustable funnel in place up to 64" height

## MODELS AVAILABLE

- 4110-006 - Five Gallon Lift Oil Drain
- 4111-001 - Replacement funnel and tube assembly for 4110-006
- 4111-002 - Drain Adapter
  
- 4310-006 - Dolly for 4110-006 Drain



\*Dolly sold separately

## USED OIL DRAINS & ACCESSORIES



4140-006 - Transmission Drain Pan.

### Features:

- 23.5" x 21.5" x 5"
- Durable impact and heat resistant plastic
- Used with any lift drain having 7" or larger funnel



831886 - Replacement Drain Bowl

### Features:

- Strainer included
- Splashguard design
- 19 1/4" diameter
- Black high density polyethylene construction



4140-023

4140-016 - Coupler  
4140-023 - Nipple

Quick disconnect coupling rated for vacuum or up to 3,000 PSI fluid pressure, with liquid-tight sealing of both halves when disconnected. 3/4" NPT line size.

# USED FLUID EQUIPMENT | TRUCK DRAINS

## FEATURES:

- Capacity: 26 gallons, measurements 9"H x 24"W x 36"L
- 1" NPT drain port with plug
- Large 8" diameter wheels for easy rolling
- Large front caster with tubular U-handle for excellent maneuvering
- Internal baffles with upper screen to stabilize fluid during movement.
- Powder coat finish for excellent corrosion resistance (safety yellow)

Service bulletin SB4051



4120-002

## MODELS AVAILABLE

4120-006 Truck Drain

4120-002 Evacuation kit with nipple and male dry break coupler available

## ROLLING PIT DRAIN

## FEATURES:

- Capacity 34 Gallons - Fewer evacuations required
- Metal baffles with anti-splash screens, and side splash guards - Reduces messy clean ups
- Ball drain valve and cam-lock coupler included - Provides cleaner and faster evacuations.
- Handy tool shelf built into unit - For easy tool storage and retrieval
- 3" diameter rollers - Can be adjusted to accommodate a pit width of 34" to 53"
- Roller height can be adjusted up or down 2"
- Service bulletin SB4018

**4140-012 Tandem Pit Drain Connector 2' x 1"** connector hose with female cam lock connectors on both ends. Used to connect two rolling pit drains for evacuation from one side.



**4140-013 Evacuation Hose 2' x 1"** evacuation hose with female cam lock connectors to attach to rolling pit drain and 1" NPT(M) to attach to the used oil evacuation manifold or used oil pump.



**4140-014 Tandem Pit Drain Kit** Connects two tandem Pit Bosses in a common pit for flow-through evacuation. Consists of connector hose, shutoff valve, pipe nipple, bushing, cam lock nipple, and cam lock cover.



**4140-021 Outfit Kit** Includes ball valve with nipple, quick couplers, and a dust cap.



## MODELS AVAILABLE

4140-011 Pit Drain with Outfit Kit

4140-020 Bare Pit Drain



# USED FLUID EQUIPMENT | EVACUATION SYSTEM

## COMPLETE OUTFITS

- 1121-011 - 1" Outfit Kit**  
 includes:  
 1120-013S - 1" Diaphragm pump (see page 42)  
 4140-015 - Used fluid hook up kit
- 1121-012 - 3/4" Outfit kit**  
 includes:  
 1120-019- 3/4" Diaphragm pump (see page 42)  
 4140-026- Used fluid hook up kit

4110-010  
Maximum Duty Drain



\*denotes included in kit

USED OIL EQUIPMENT

## EVACUATION OUTFITS



1121-001



4140-022

For more detail on these products please see page 44

## OVERFILL PREVENTION



| OUTFIT      | 4520-001  | 4520-002   |
|-------------|---|--|
| DESCRIPTION | Overfill Prevention   | Overfill Prevention  |
| FEATURES    | Auto-shutoff<br>Non-electric<br>Sensing Tube<br>Pump Controller | Auto-shutoff<br>Non-electric<br>Sensing Tube<br>Pump Controller<br>Audible Alarm |

## TANK LEVEL GAUGES

Mount on tank bung fitting. Display dial shows the remaining fluid depth in inches as the attached float level changes. For stationary tanks only. Not recommended for mobile lubers.

4520-014      0"-99"



## FEATURES

- Uses less than 1/5 the energy of air operated devices
- Includes four evacuation wands (metal and flexible), wall mounting kit, 20' suction hose
- Evacuation wands equipped with quick-disconnect couplers
- Service bulletin SB4050

The Balcrank evac is an environmentally friendly product, designed for high volume shops. The evac removes petroleum based products through any fill plug or dipstick. Top of the engine evacuation offers a speedy alternative to removing skid plates, splash guards, differential covers as well as eliminating potential problems that stripped drain plugs with aluminum engine pans may cause. The technician simply replaces the vehicle's dipstick or fill cap with the evacuation wand that best fits the opening. He then presses the start button and moves on to his next task; the evac system automatically removes the fluid, shuts itself off and sounds an end of cycle tone. The used oil is pumped directly to a bulk storage tank and is never handled by the technician or exposed to the atmosphere. The oil change can be completed while the one technician is completing the other automobile maintenance services, all without a pit or a lift. evac will reduce your overhead, is a green product and will pay for itself typically within 3 to 6 months.

## SPECIFICATIONS

|                        |                       |
|------------------------|-----------------------|
| Electric motor         | 110 VAC/60Hz          |
| Max. draining capacity | 1.6 qts per minute    |
| Horizontal suction     | .33'                  |
| Vertical suction       | .5'                   |
| Horizontal delivery    | 1.60'                 |
| Vertical delivery      | .10'                  |
| Noise level            | Less than 70 DbA      |
| Fluid inlet            | 3/4"                  |
| Fluid outlet           | 3/4"                  |
| Dimensions             | 13.7" x 11.6" x 13.3" |
| Suitable fluids        | Motor Oil, ATF        |



## MODELS AVAILABLE

- 4140-040 evac Fluid Evacuator
- 4140-042 Optional .315" x 4' Evacuation Wand for large fleet applications
- 4140-043 Replacement evacuation wand kit