



POLYTANK LUBRICANT STORAGE SYSTEM

Storage, Filtration and Breathing. One Footprint.

The POD bundles the three things a lube room needs into one stackable system: clean storage in poly tanks, filtration on fill, dispense and circulation, and desiccant breathing while the oil sits. Nine standard configurations, from a single short-frame 145 gallon tank up to three segregated 70 gallon tanks on one 43 inch stand -- plus the IFS-4 special build, a four-tank steel cabinet with a pump and filter on every tank.

9

CONFIGURATIONS

70-330

GALLON TANKS

3

WAY FILTRATION

DC-2

DESICCANT BREATHER

100%

SPILL CONTAINED

Three Families, by Tank Count

Choose by how many fluids you need to keep apart. Every family shares the same stand width, the same spill containment pan and the same fill / circulate / dispense workflow.

Single Tank ONE FLUID

Configurations	4
Tank sizes	145 / 220 / 330 gal
Capacity	145 - 330 US gal
Drive	Air piston, or electric
Best for	High volume of one fluid

Dual Tank TWO FLUIDS

Configurations	3
Tank sizes	70 + 145, or 2 x 145 gal
Capacity	215 - 290 US gal
Drive	Air piston or electric
Best for	Two fluids, unequal volumes

Triple Tank THREE FLUIDS

Configurations	2
Tank sizes	3 x 70 gal
Capacity	210 US gal
Drive	Air piston or electric
Best for	Several specialty oils

Where It Is Used

TYPICAL APPLICATIONS

- Bulk lubricant storage
- Filtering new oil on fill
- Circulating and filtering in storage
- Clean dispensing to containers
- Segregating specialty oils
- Replacing open drum racks

STANDARD ON EVERY POD

- 3-way filtration on one fluid path
- Dedicated fill and dispense pumps
- Segregated hoses with quick disconnects
- Integrated desiccant air breathers
- Spill containment pan
- Stackable poly tanks on a steel stand

Three Jobs, One Fluid Path

The same plumbing does all three, which is what keeps the oil clean: new oil is filtered on the way in, filtered again while it sits, and filtered once more on the way out to the machine.

Fill

DRUM TO POD

- Draw from drum or tote
- Pre-filter on the way in
- Quick-disconnect transfer hose
- Drum adaptor kit

Circulate

WHILE IN STORAGE

- Filter the tank on a loop
- Polish oil before it is needed
- Desiccant breather on the headspace
- Keeps water and dust out

Dispense

POD TO CONTAINER

- Filter again on the way out
- Upgraded dispensing handle
- 6" flex hose, 3/4" quick connect
- Segregated from the fill line

Full Specification

Configuration	Part number	Tanks	Total capacity	Drive	System H x W
1 x 220 gal	PTPOD220-HYD	1	220 US gal (870 L)	Air piston	-
1 x 330 gal	PTPOD330-HYD	1	330 US gal (1,250 L)	Air piston	-
1 x 330 gal Oil Bar	PTPOD330-OB	1	330 US gal (1,250 L)	Air piston	-
1 x 145 gal short frame	PTPOD145SFDB	1	145 US gal (550 L)	Electric *	-
1 x 70 + 1 x 145 gal	PTPOD70145HYD	2	215 US gal (815 L)	Air piston	85" x 43"
2 x 145 gal	PTPOD2145HYD	2	290 US gal (1,100 L)	Air piston	106" x 43"
2 x 145 gal electric	PTPODEL2145HYD	2	290 US gal (1,100 L)	Electric	106" x 43"
3 x 70 gal	PTPOD370HYD	3	210 US gal (795 L)	Air piston	88" x 43"
3 x 70 gal electric	PTPODEL370HYD	3	210 US gal (795 L)	Electric	88" x 43"
IFS-4 special build #	LG-IFS-4	4	280 US gal (1,060 L)	Electric	90" x 54"

Pump drive follows the part number: air piston is the default, and the EL configurations are the electric-motor builds. A dash means the product record does not state that specification, not that the configuration lacks the feature; no value is carried across from a similar configuration. Spill pan is 43 x 48 x 6" throughout. # The IFS-4 is a special build, not a poly-tank POD -- steel tanks and containment, electric gear pumps and an integrated dispensing station. It is specified in full on the next page.

Available Models

Every standard POD by family, with the detail each product record actually carries.

Single Tank Family — 4 configurations

Part number	Capacity	Hoses	Dispensing handle	Tank ports
PTPOD220-HYD	1 x 220 US gal (870 L)	Rubber hydraulic	Upgraded, 6" flex, 3/4" QC	2 x 3/4", top & bottom
PTPOD330-HYD	1 x 330 US gal (1,250 L)	Rubber hydraulic	Upgraded, 6" flex, 3/4" QC	2 x 3/4", top & bottom
PTPOD330-OB	1 x 330 US gal (1,250 L)	-	-	2 x 3/4", top & bottom
PTPOD145SFDB	1 x 145 US gal (550 L)	-	Dispensing handle	-

Dual Tank Family — 3 configurations

Part number	Capacity	Tank size	Spill pan	Hoses
PTPOD70145HYD	1 x 70 + 1 x 145 US gal	32x32x20" + 32x32x40"	43 x 48 x 6"	Upgraded hyd. rubber kit
PTPOD2145HYD	2 x 145 US gal (550 L)	32 x 32 x 40"	43 x 48 x 6"	Upgraded rubber hyd. kit
PTPODEL2145HYD	2 x 145 US gal (550 L)	32 x 32 x 40"	43 x 48 x 6"	Upgraded rubber hyd. kit

Triple Tank Family — 2 configurations

Part number	Pump	Filtration	Desiccant breather	Tank size
PTPOD370HYD	3 x piston air pump, 1:1, with regulator	3 x 5" x 7" spin-on element	3 x DC-2, 3 micron particulate	32 x 32 x 20"
PTPODEL370HYD	3 x piston pump, 1:1, with regulator +	3 x 5" x 7" spin-on element	3 x DC-2, 3 micron particulate	32 x 32 x 20"

Available Models (continued)

Special Build — LG-IFS-4 Integrated Filtration and Dispense

Subsystem	Qty	Specification	Control / indication	Notes
Tanks	4	265 L (70 gal), 11 gauge steel	Remote LED level gauges, front mounted	One fluid per tank
Pumps	4	1/2 HP, 120 VAC/1PH TEFC gear, to 5 GPM	Dedicated start/stop, front panel	One pump per tank
Filters	4	HMK05 double-length spin-on	Visual condition indicator on each	One filter per tank
Dispense valves	4	Spring return	2-position, 1/4 turn directional flow control	Dispense, or fill / circulate
Suction hoses	4	Dedicated, with quick couplers	Integral fixed hose hanger	On-board tanks or remote drums
Containment	1	300 L, 11 gauge steel, 2" NPT drains both sides	Drip tray, removable perforated platform	1/2" ball valve drain
Cabinet	1	54" W x 60" D x 90" H	Ergonomic dispensing station at working height	Ships assembled, ESA approved

* The short-frame 145 is the exception to the part-number rule: it carries no EL, but its specifications list an electric motor setup; confirm the drive when ordering. Its dual 4 / 11 micron filtration (4 micron for hydraulic oils, 11 micron for gear oils) is quoted nowhere else in the range, and it is the only configuration whose record includes a drum adaptor kit alongside the two 3 x 70 builds. + The electric 3 x 70 record still carries the air-piston pump line from its air-drive counterpart; the count and ratio are quoted as written, the drive is electric. The IFS-4 is not a POD: four steel tanks each with their own pump and filter, so four fluids share no plumbing at all, built into one cabinet with an ergonomic dispensing station, 300 litre steel containment with 2" NPT drains, remote LED level gauges and dedicated spring-return dispense valves. Ships completely assembled with ESA-approved electrics; drum adaptor kit not included; allow 8 weeks lead time, shipping extra. Above ISO 320 at 20 C it needs lower-speed pumps delivering 1.5 to 2 GPM to stop them cavitating the oil. Custom tank counts, sizes and accessories beyond this range are available on request.