

GREASE TRAPS

250L – 6000L HDPE CONSTRUCTION

KESSEL AUTOMATIC SYSTEMS



Mactrap polymer grease traps are chosen nationwide for their robust and lightweight construction, ease of installation and 30-year in-ground warranty. Their ability to be installed above and below ground along with their efficiency and reliability make them a trusted first choice.

HDPE EXTERNAL GREASE TRAPS

- 250L -6000L with options for custom build.
- Lightweight HDPE construction for easy installation.
- Above ground or below ground installation.
- Vehicular and pedestrian covers for below ground.
- 12mm thick HDPE and structural baffles eliminates the requirement for a below ground concrete sleeve.
- Flexible couplings for earthquake protection.
- Handles harsh chemicals, heavy FOG, and temperatures up to 65°C.
- 30-year in-ground warranty.
- Designed for greater FOG separation and storage efficiency.

KESSEL AUTOMATIC SYSTEMS

- Program controlled disposal and rinsing solution for clean and odour-free disposal and cleaning.
- Shredder mix system for homogenization of the tank contents ensuring all solids are evacuated with every cycle.
- Powerful 3.0 kW pump for extended lift and reach.
- Optional remote control so the cycle can be initiated from the truck connection station.
- Contact Mactrap for more details.





1. Grease trap
2. Shredder-mix system
3. Disposal line
4. External connection for disposal truck
5. Remote control system
6. Sampling chamber
7. Lifting station



COVERS AND RISERS

- Mactrap grease traps are available with pedestrian strength (Class A) and vehicular strength (Class D) covers.
- Riser height is inherently flexible between 220mm and 450mm. Extensions are available.
- Flexible coupling allows easy installation into the surrounding medium.
- Fully sealed for odour protection.
- Surrounding concrete or other medium must be engineered.

Type	Class	Typical Use	Nominal Wheel Loading (kg)	Serviceability Design Load (kN)	Ultimate Limit State Design (kN)
	A	Areas accessible by pedestrians.	330kg	6.7kN	10kN
	D	Major roads including freeway and motorway shoulders. Warehouse and loading docks.	8,000kg	160kN	240kN

HDPE GREASE TRAP SPECIFICATIONS

Product Code	Total Volume (litres)	Treatment Capacity (litres)	Length (mm)	Width (mm)	Height w/o risers (mm)	Inlet Invert (mm)	Outlet Invert (mm)	Weight w/o risers (kgs)
MTPT250 (S/A/D)	392	250	1200	520	628	450	400	50
MTPT500 (S/A/D)	681	505	1200	645	880	703	653	66
MTPT750 (S/A/D)	1016	779	1200	806	1050	855	805	98
MTPT1000 (S/A/D)	1354	1038	1600	806	1050	855	805	131
MTPT1500 (S/A/D)	2031	1557	2400	806	1050	855	805	197
MTPT2000 (S/A/D)	2461	2014	2410	844	1210	1030	990	197
MTPT2500 (S/A/D)	3033	2506	2410	1040	1210	1035	1000	213
MTPT3000 (S/A/D)	3597	3013	3000	794	1510	1325	1265	246
MTPT4000 (S/A/D)	4830	4110	3000	1000	1610	1410	1370	383
MTPT5000 (S/A/D)	6038	5100	3000	1250	1610	1410	1360	383
MTPT6000 (S/A/D)	7124	6018	3000	1475	1610	1410	1360	383

Inlet/outlet connection standard 100mm. Alternative sizes fitted by request.

S – Standard / above ground / can be partially buried

A – Class A / Pedestrian

D – Class D / Vehicular

