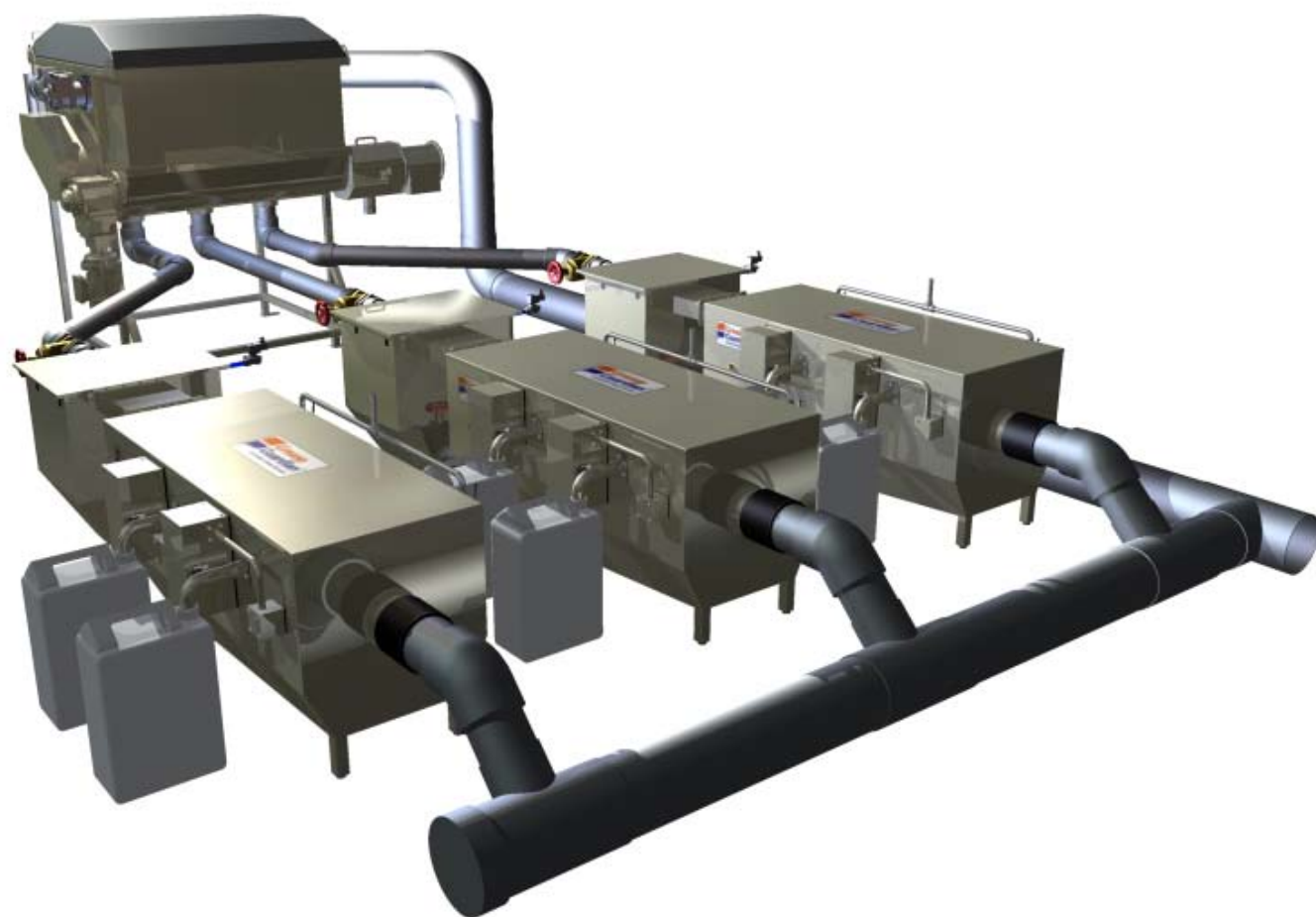




SEPARATES & REMOVES
GREASE, OIL & FAT FROM KITCHEN WASTE WATER...

D10 WITH AUTOMATIC SOLIDS TRANSFER (heavy loading)



“For the Highest Flow Application”

The D10 automatic solids transfer screen offers the option of filtering foodwaste and transferring it automatically to a waste bin, with no human input required. A brush screening device is installed before the D10 hopper and grease separation tank. Any solids entering are first filtered then removed using a brush mechanism. The solids are compacted and dewatered before being transferred into an external food waste bin.

The grease waste is allowed to enter the D10 solids hopper where any remaining fine solids may settle before being pumped away. The liquid waste then enters the main tank where the grease is treated and then skimmed away allowing only “clean” water to be discharged down the drain.

TYPICAL APPLICATIONS FOR D10 TITAN CLASS RANGE

• Hotels • Restaurants (1000 + meals) • Food Processing Plants • Oil Rendering Plants • Food Halls • Leisure Complexes



Visit me, **GiorGio**, online to solve your grease problems!



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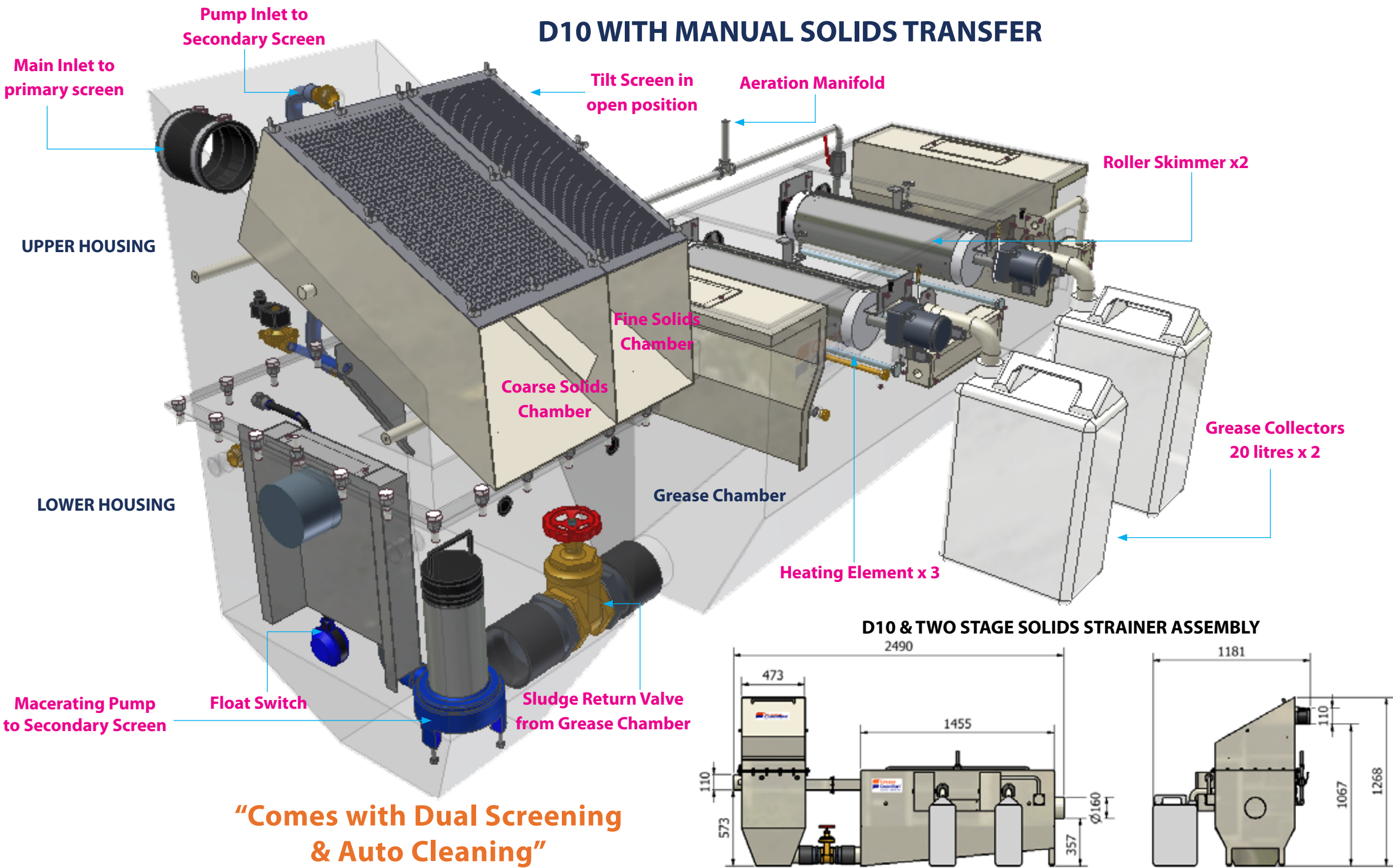
D10 TITAN CLASS Centralised Automatic Grease Removal Range



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D10 TITAN CLASS RANGE - Features & Benefits

- Reduces grease and foodwaste by up to 99% • Helps protect against blockages • Ensures compliance with legislation • Automatic grease and solids removal • Grease waste can be recycled or sold
- No need for chemical , bacteria or enzymes • Easy to install & maintain • Made in Europe • Quality Assured ISO9008 • Service log and reminder alarms as standard • Compact modularised system
- Self cleaning facility • Designed to limit smell



D10 TITAN CLASS RANGE -
Four Stage Process

Stage 1 - Solids Filtration and Transfer

Waste enters the unit and any large food particles are trapped in a primary “large solids” screen. The waste continues into the solids hopper where it settles at the bottom. The liquid waste now free of solids continues into the main tank. The settled fine solids are periodically pumped into a secondary “fine solids” screen. Both fine and large solids screens form part of an easy to empty tilt basket that transfers the waste into a food waste bin.

Stage 2 - Grease Trapped

After entering the main tank grease which is lighter than water separates naturally and remains trapped. The heavier “clean” water leaves the tank under a baffle before being discharged to drain.

Stage 3 - Grease Removal Programme

A pre-programmed removal cycle starts by first agitating the trapped grease waste using diffused air. This helps suspended grease globules to further separate and directs the waste towards the skimming mechanism. The waste is then heated and the grease liquefies. The liquefied grease is then skimmed and transferred to external receptacles to await recycling.

Stage 4 - Self Cleaning

A wash down system can be activated to ensure the system remains clean.

D10 WITH AUTOMATIC SOLIDS TRANSFER (light loading)



In cases where solid waste volumes are within permissible discharge levels for suspended solids, the D10 automatic solids transfer option will suit. The D10 with solids transfer option acts in much the same way as the manual solids transfer unit but without the dual solids filter basket. Instead, any solids that enter the D10 settle at the bottom of the solids hopper and are periodically pumped to drain. The main grease removal chamber remains identical to the standard D10 with solids transfer. In cases where flow rates exceed 10 litres per second it is recommended that our automatic solids transfer screen is used. In such cases multiple D10 units can be positioned in parallel downstream of this screening system as depicted on the following page.

D10 SPECIFICATION Manual Solids Transfer (1) & Automatic Solids Transfer (light loading) (2)					
All measurements in mm					
LENGTH	WIDTH	HEIGHT (1) (Manual Solids Transfer)	HEIGHT (2) (Automatic Solids Transfer)	FLOW RATE (Litres per second)	SKIMMING RATE
2490	1181	1268	725	10L	650kg every 24 hours
CONTROL PANEL	INLET DIAMETER	OUTLET DIAMETER	ELECTRICAL SUPPLY	AIR BLOWER	SOLIDS PUMP
HMI (Touch Screen Display)	110	160	230V 50Hz 110V 60Hz	HP-40 230V 50Hz	Lowara GRI II

Specification: Automatic grease trap with inbuilt grease skimming mechanism. 20 Guage 304 Stainless Steel, 1.8kw x 3 heating elements, 25 watt motor x 2, 24 hour digital timer.
For invert levels & detailed drawing please contact your local supplier.