

**PRECAST OIL INTERCEPTOR MODEL 1075**

(Formerly MODEL 1300)

**WILKINSON HEAVY PRECAST LIMITED**

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**CONSTRUCTION DETAILS \***

**Concrete:** 50 MPa High Density Concrete at 28 Days, 5 to 8% Air Entrainment. (Highly Resistant To Oil Absorbtion)

**Reinforcing:** 15 M bars at 250 mm centres in roof; 10 M bars at 250 mm centres in walls and horizontally in partitions; 4 x 4 6/6 ww mesh in floor. Eight extra 15 M bars around each roof access opening. Minimum cover over reinforcing steel - 25 mm.

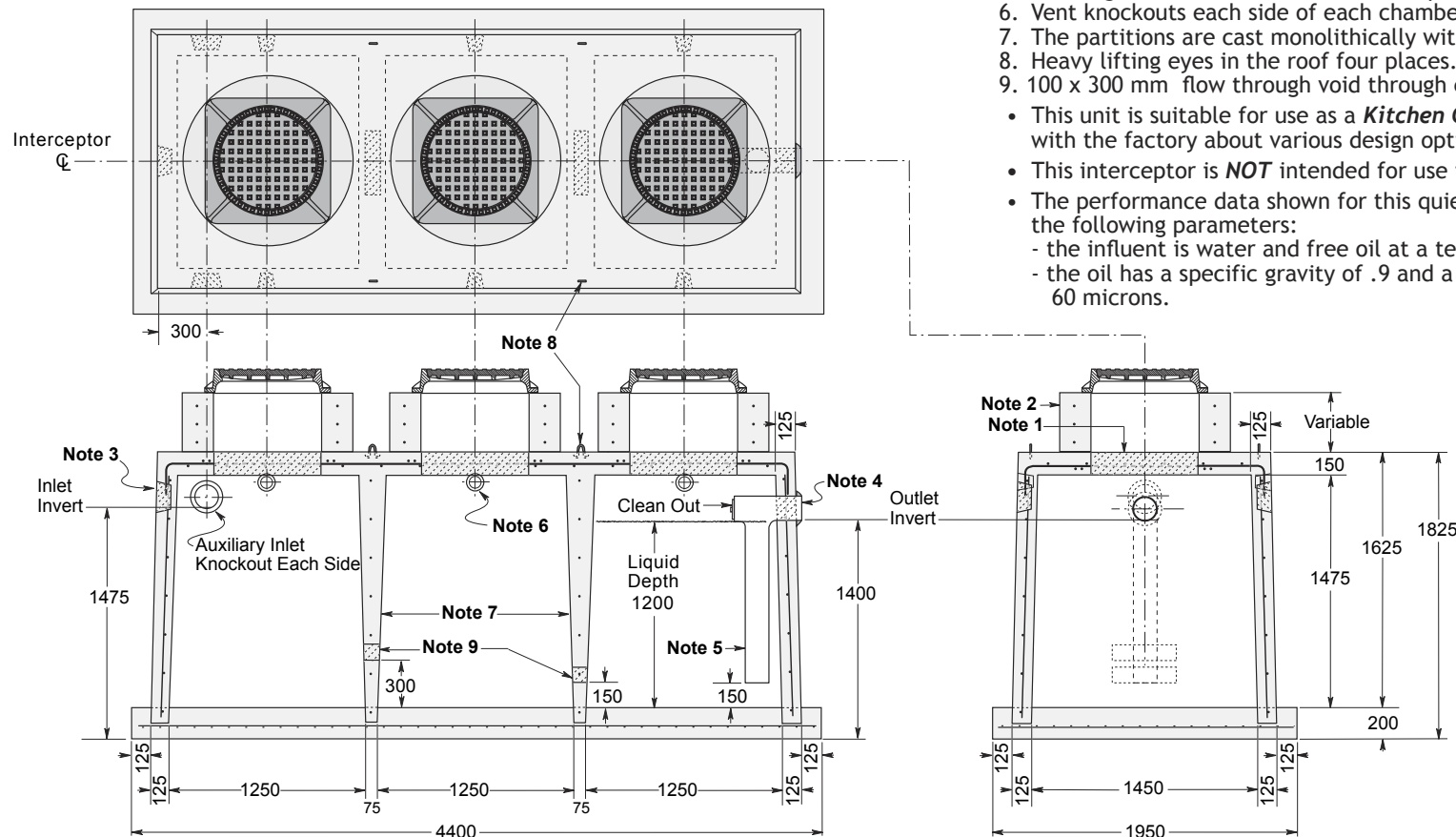
**Weight:** 13,000 kg (Not Including Risers)

**Capacity To Liquid Level:** 6048 Litres

**Maximum Flow Rate:** 180 Litres Per Minute for the separation of unemulsified oil.

**NOTES**

1. Standard access openings are 685 mm diameter.
2. Typical precast concrete access extension with cast iron closed pattern manhole frame and cover - O.P.S.D. Ref 401.01 Type A. Bolted and gasketed frame and cover -O.P.S.D. Ref. 401.03. and locking cover O.P.S.D. Ref. 401.06 are also available See 'RISERS & ACCESS COVERS FOR INTERCEPTORS' for other styles of cover.
3. Inlet knockout for grout connection of 150 diameter PVC pipe.
4. Solvent weld outlet port accommodates 150 mm diameter PVC pipe coupling.
5. Outlet piping of a standard unit is 150 mm solvent weld PVC pipe, stainless or galvanized steel are available options.
6. Vent knockouts each side of each chamber suitable for 75 mm pipe.
7. The partitions are cast monolithically with the walls and roof.
8. Heavy lifting eyes in the roof four places.
9. 100 x 300 mm flow through void through each partition.
  - This unit is suitable for use as a *Kitchen Grease Interceptor*. Consult with the factory about various design options.
  - This interceptor is **NOT** intended for use in *Stormwater Applications*.
  - The performance data shown for this quiescent-type separator involves the following parameters:
    - the influent is water and free oil at a temperature of 20° Celcius.
    - the oil has a specific gravity of .9 and a minimum oil droplet size of 60 microns.



Dimensions in mm  
N.T.S.

\* Commensurate with a 2 Metre burial in firm soil in an area of occasional or intermittent passenger vehicle traffic. Please consult with the factory before specifying this product for use in an area of heavy wheel loading.