

OPU – Oil Pumping Unit series

REDRAGON

CUSTOMISED OIL PUMPING STATIONS



Redragon designs, builds and commissions custom oil pumping solutions for those companies that have existing plant, such as tank farms, or those that wish to develop integrated solutions to oil management.

OPU pump units are designed to operate as either standalone units (manual or PLC controlled from local station) or integrated into sophisticated SCADA systems sitting on top of Allen-Bradley or Siemens PLCs that can be remotely controlled via Ethernet/Devicenet or wireless networks. Standard units incorporate self-sealing couplings such as Avery-Hardoll or quick disconnect such as Camlock, which are available in gunmetal, brass or stainless steel material.



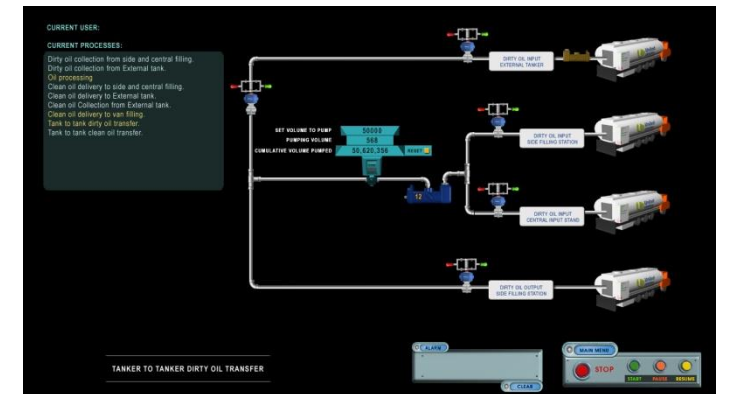
Pipework is typically carbon steel or stainless steel and all welding is undertaken by ASW-certified welders. Pipe manifolds are either hydrostatically- or pneumatically-tested to national standards and any incorporated tankage is designed and manufactured to ASME standards.

Typical specification

- Integrated oil drip pan

- Flow rates to 50,000 litres per hour
- Elevated base for ease of movement
- Choice of wetted materials
- Aluminum frames for weight reduction
- Custom SCADA/PLC
- Leakage alarms
- Local control panel requires only power and optional Ethernet/Devicenet connections

The OPU can be built as a skid-mount system, a handcart version – complete with VFD for ultimate control – or built into a tagalong trailer with onboard oil storage.



For more information or to request a quotation, please contact Redragon

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