



The 35 to 60hp Merlin dredging and jetting pump is the successor to the Excalibur. Merlin will not block or jam because there are no moving parts in the suction flow path. The flow reversal valve can be operated to back flush the suction nozzle should there be an obstruction. Power is derived from a stream of high velocity fluid creating a low pressure region behind the suction nozzle. The pump may be rapidly switched from suction to jetting, or be configured to an intermediate position allowing jetting and excavation to be carried out simultaneously.

TMT can configure the tool to the customer requirements.

Features:

- Robust proven design
- Small and light
- Double shaft seal
- Reverse flush for suction nozzle

Specifications:

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| • Dimensions | 499L x282W x550Hmm |
| • Weight in Air | 40kg |
| • Weight in Seawater | 17kg |
| • Max. Input Press | 170 to 250bar |
| • Max Input Flow | 65 to 110L/min |
| • Output Jetting | 600L/min @ 8bar |
| • Output Suction | 2000 to 4000L/min |
| • Solids Removal | 10 to 40T/hour |