

Neumann Equipment are known worldwide in the sand and mineral extraction industries for manufacturing well-engineered dependable dredges and supporting equipment.

## Booster Pumps

Neumann Equipment manufacture a range of Booster Pumps. They are typically used for dredging where they are inserted in between the dredge and the discharge point to increase the system's overall capability to pump the product to greater heights and/or distances.

It is critical that the booster pump:

- Size matches that of the dredge pump;
- Can accommodate the same particle size as the dredge pump;
- Has at least the same size engine as that of the dredge pump;
- Can accommodate the design pressure (head) required to pump the product to the discharge or next booster;
- Can accommodate the same specific gravity of material as the dredge pump.



The table below shows the different Booster Pump configurations together with the relevant Krebs Pump and Caterpillar Engine.

Note: Other brand pumps and/or engines can also be supplied upon request.

BOOSTER PUMP SPECIFICATIONS	BST200	BST250	BST300
CAT Engine Options (or Equivalent)	C9 or C18	C18 or C27	C18 or C27
Engine Power (kW)	223/447	447/653	447/653
Pump Size Options - Suction (mm)	200/150	250/200	300/250
Pipeline Sizing – ID (mm)	200	250	300
Weight approx. (tonnes)	13.7/14.3	19.8/20.4	20.3/21.0
Length Approx. LOA (m)	5.9/6.1	6.2/6.3	6.3/6.5
Width Approx. WOA (m)	2.8	2.8	2.8
Height Approx. HOA (m)	4.1/4.2	4.3/4.4	4.3/4.4

When you are next in the market for quality Dredging Equipment you cannot go past our range of Australian designed and manufactured products.