Adding extra pumping power can significantly help to improve production levels when pumping over longer distances. This can be achieved by using a booster station: a separate additional pump placed along the discharge line.

When choosing a booster station, selecting the right combination of engine and pump is essential. IHC Merwede can help you with this choice and deliver the right booster for your project.

**Benefits**
Boosters significantly improve production over longer pumping distances and can be delivered for smaller standard dredgers, as well as larger custom-built vessels.
Features
• boosters can be equipped with an IHC high-efficiency pump minimising fuel consumption and wear
• boosters can be land-based as well as floating
• boosters can be delivered with both water and air cooling
• boosters can be containerised
• boosters can be made sound proof to reduce the environmental impact.

Pump output of in situ solids per effective pumping hour [m³]
The Production-Discharge Length (PL) graph below shows the enormous improvements that can be made in specific situations by adding a booster pump to the dredging system.