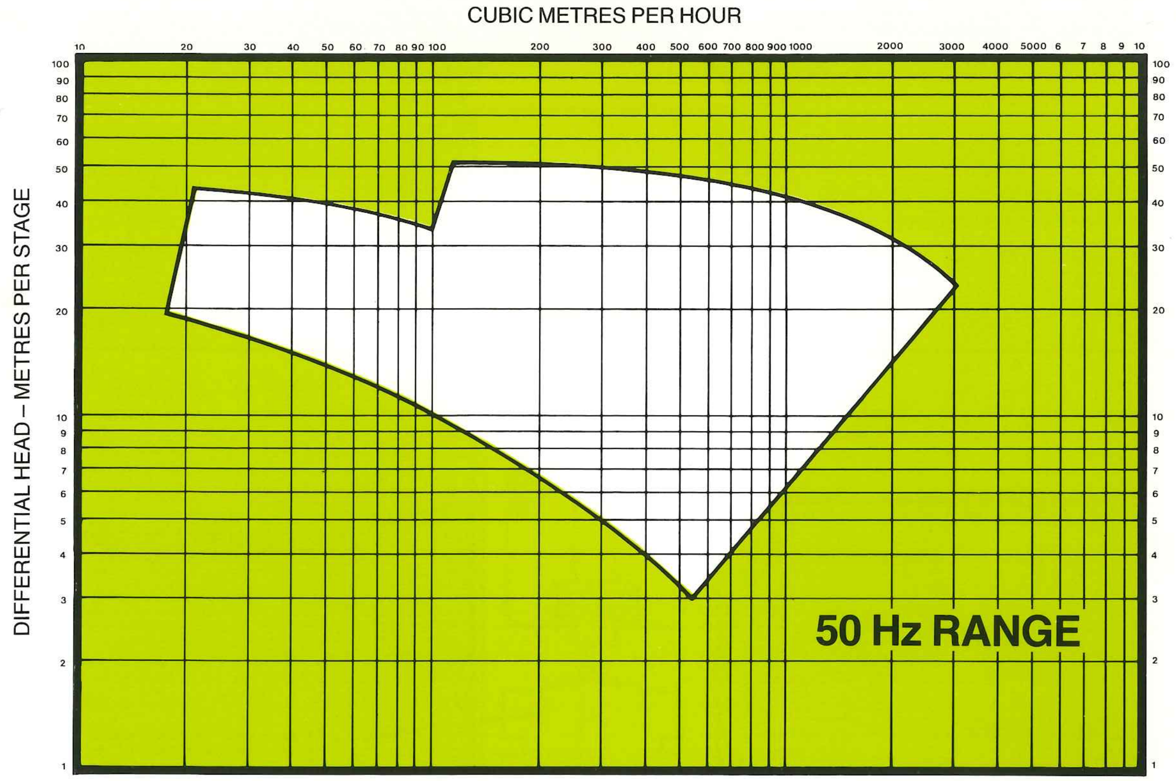

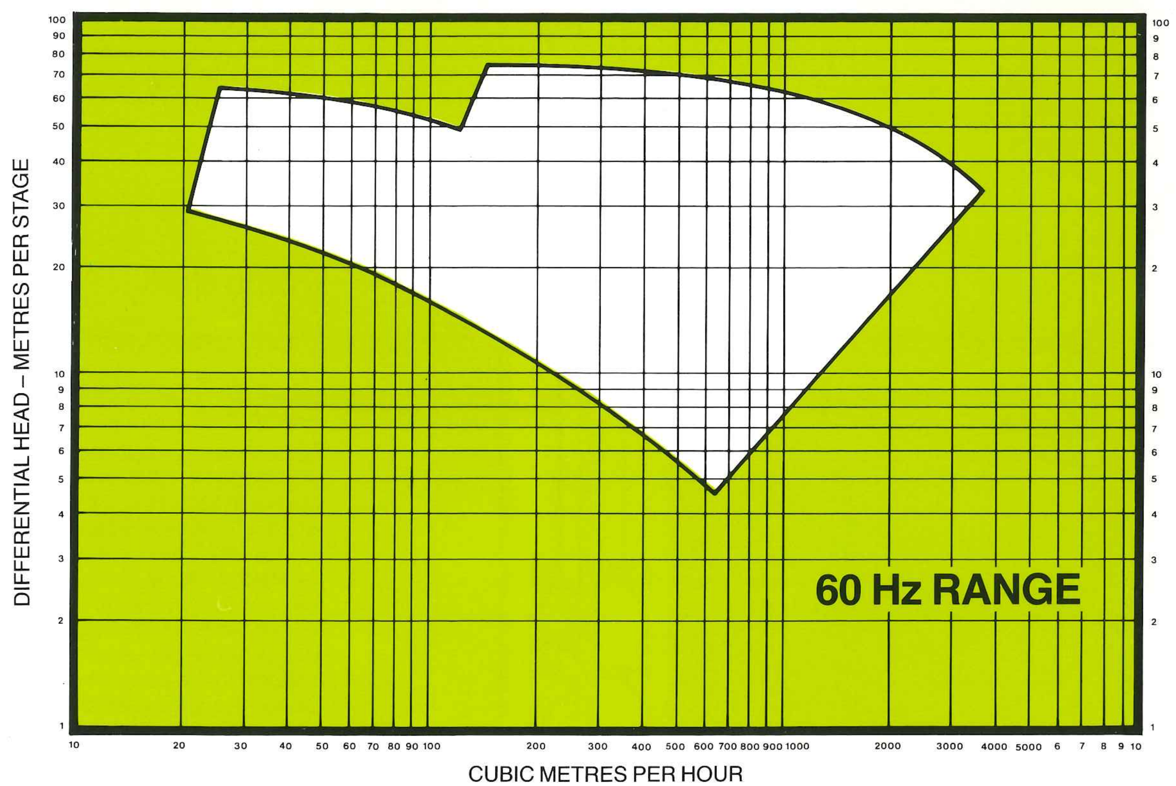

Note: The performance zones shown above are for single stage pumps only. The heads obtained with multiple stages are proportional to the number of stages employed.

Installation and Service

One of the contributory factors to the world-wide success of Hayward Tyler is the exceptionally high standard of service that is part of every installation. What does this service cover? Just about anything you can think of to do with our products. This means installation, commissioning, trouble shooting on site, reconditioning and repairs, spares, technical advice, testing facilities and many others. It can vary from advice on the telephone by a field service engineer to organising shipment of pumps back to our Works for reconditioning and testing under load conditions. Every Hayward Tyler pump is designed to work with the minimum of maintenance. Occasionally however, things do go wrong, but no matter how remote the locality, modern communications will bring a field service engineer within hours.

Hayward Tyler

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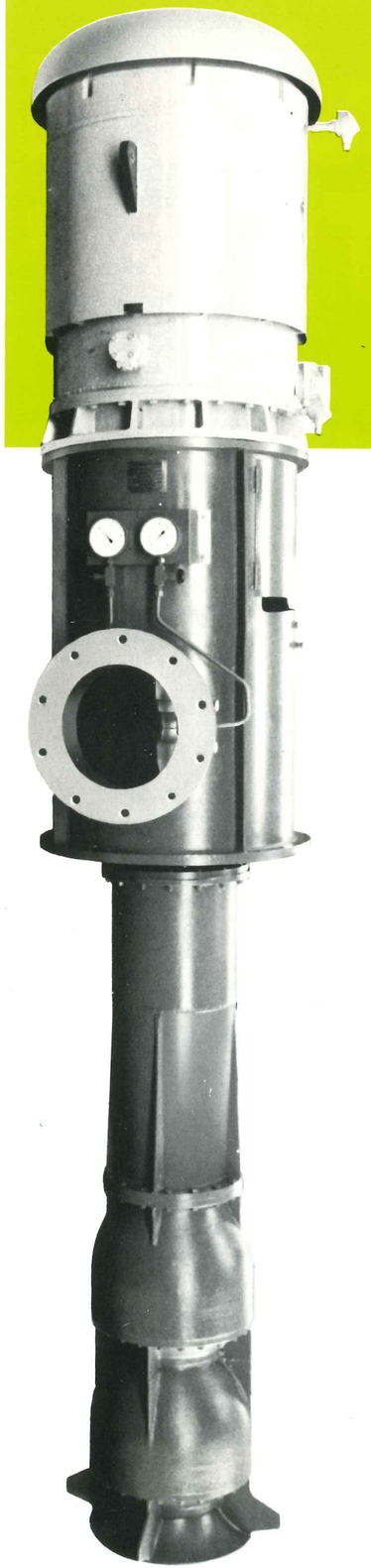
Hayward Tyler Limited

Hayward Tyler

VMT RANGE
of process pumps



VERTICALLY MOUNTED TRANSFER PUMPS

Hayward Tyler VMT Pumps are vertical multi-stage machines usually mounted in a barrel and are particularly suited to conditions where the N.P.S.H. is limited.

Design Features

The pump may be a single or multi-stage bowl type unit mounted inside a barrel from which it takes its suction. The mounting flange of the pump is normally at ground level while the length of the barrel is determined by the N.P.S.H.A. at the suction nozzle of the pump head to that required by the pump at the centreline of the first stage impeller. When necessary, spool pieces may be added on top of the pump bowls to provide a sufficient margin of N.P.S.H.A. over that required by the pump at a given flow rate.

These pumps are also particuarly suited to installations where ground space is at a premium on shore based installations or on off-shore platforms. All pumps have shrouded impellers and most are of double wear ring construction with renewable wear rings. The axial thrust from the pump is absorbed by either a separate anti-friction bearing assembly or by a "Michell" thrust pad assembly, depending on pump size and magnitude of axial load. Both employ a self contained oil lubrication system and, when necessary, the "Michell" design has provision for a cooling water circuit. Either of these systems are removable via the coupling spacer between the pump and motor shaft. The nozzle head, stuffing box and pump barrel are designed and fabricated in accordance with the requirements of A.S.M.E. boiler and pressure vessel code section VIII and section IX.

Designed and manufactured in accordance with the latest edition of A.P.I. 610.