



Wastewater Pumps

Series 6000

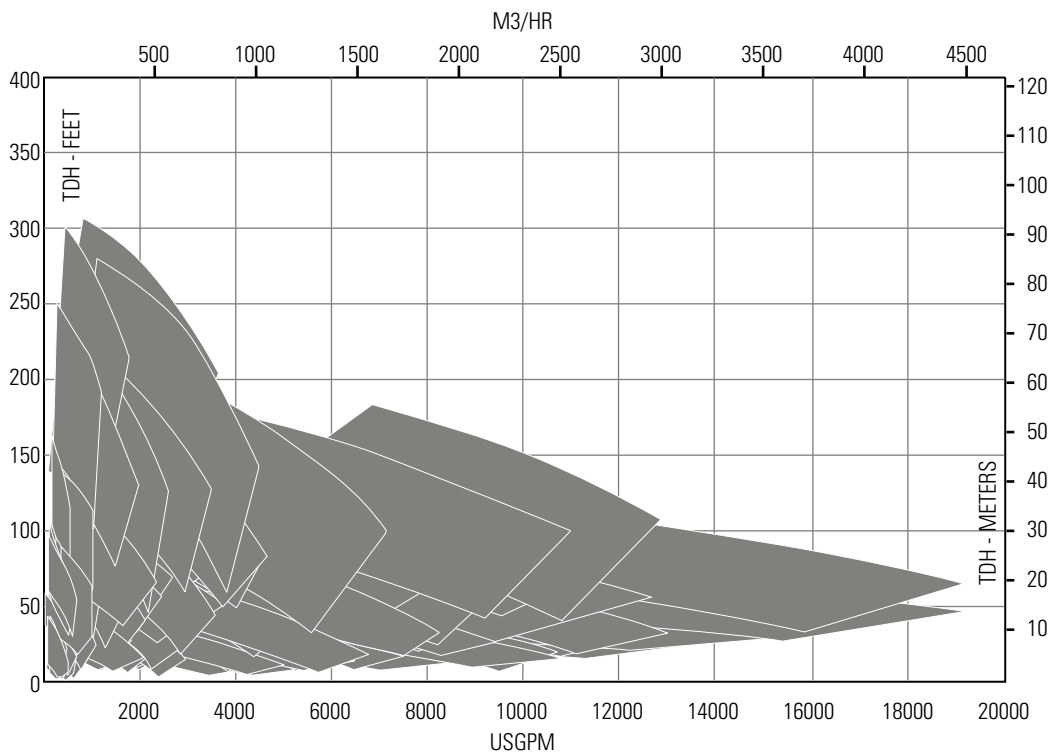
Dry Pit Solids-Handling



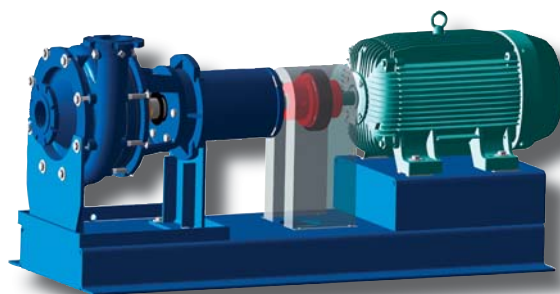
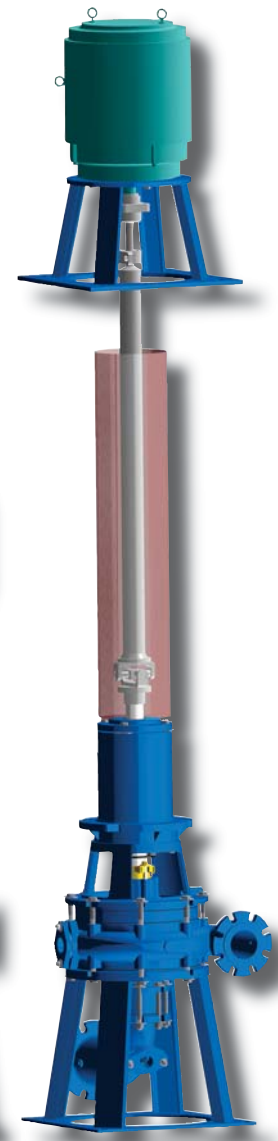
The Standard of Excellence NOW and in the Future

Series 6000

Dry Pit Solids-Handling Pumps



- Capacities to 19,000 GPM (4,315 m³/h)
- Heads to 300 ft. (91m)
- Temperatures to 150° F (66° C)
- Pressures to 150 PSI (1,034 kPa)
- Discharge sizes from 4" (102mm) to 20" (508mm)
- Solids (sphere size) from 2-1/2" (64mm) to 7" (178mm)



6150
Horizontal Base Mounted

6235
Vertical Close Coupled

6260
Vertical Pedestal Mounted

6250
Vertical Open Shaft

Standard Features

Engineered for long service life and low maintenance

Micrometer axial shaft adjustment for easy adjustment to maintain clearance and reduce wear due to circulation between the impeller eye and suction plate

Large diameter, high strength alloy steel shaft to provide maximum stiffness; prevents vibration and fatigue due to unusual operating conditions

Complete rotating assembly can easily be removed without disturbing the pump suction or discharge piping

Hardened stainless steel shaft sleeve to protect the machined and polished alloy steel shaft; stainless steel shaft material optional

Back pump-out vanes minimize end-thrust, reduce pressure on the stuffing box and prevent clogging

Rugged thick-walled reversible casings provide for clockwise or counter-clockwise rotation using CW or CCW impeller; discharge nozzle may be positioned on 45° increments

Suction and backplate are separate components

Double-row ball thrust bearing

Rugged dust-proof bearing frame machined to assure positive, accurate shaft alignment; provided with lubrication fittings

40,000 hour minimum L-10 bearing life at the most extreme points on the pump curve; minimum 100,000 hours at the primary duty point

Ball or roller radial bearing

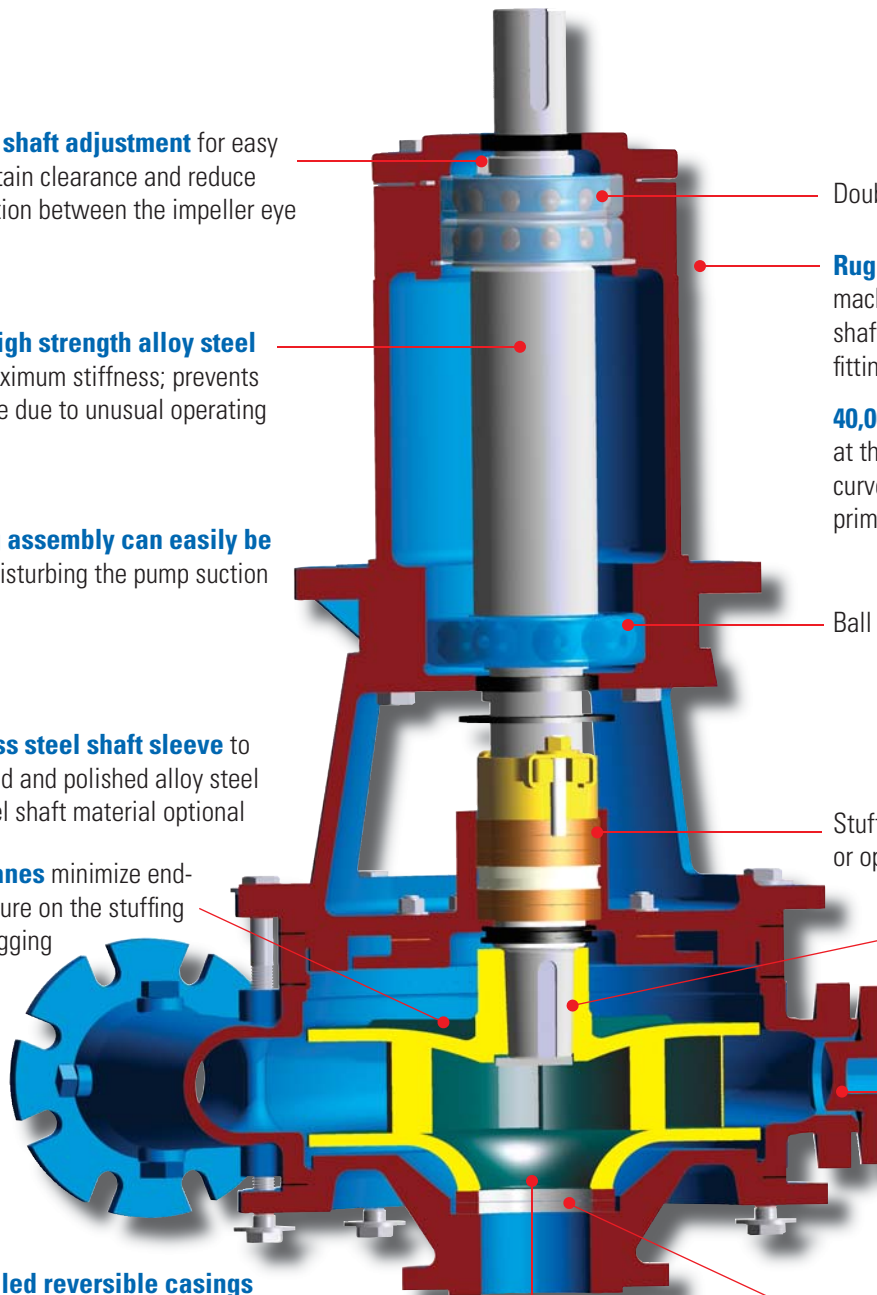
Stuffing box provided with packing or optional mechanical seal

Tapered shaft impeller engagement assures positive alignment and ease of removal at the impeller hub

Contoured handhole inspection cover in casing

Hardened stainless steel wear rings optional for both the impeller and suction cover

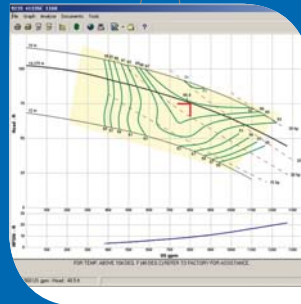
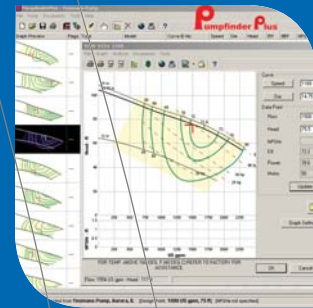
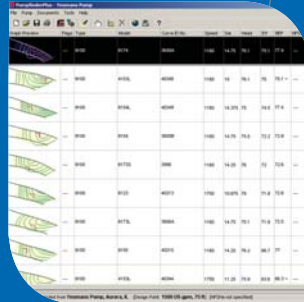
Enclosed multi-vane **solids-handling impeller; high efficiency designs reduce operating costs**





PumpfinderPlus® Pump Selection & Sizing Software

Yeomans provides the latest in free, user-friendly pump selection and sizing software for all of our pump types and configurations; with easy online web access and supporting documents, including specifications, installation drawings, product information and sales brochures. The program facilitates easy submission of quotation and engineering support requests to our staff of experienced application engineers.



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ISO 9001:2000 Quality System

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