

# Tuff Pumps

[www.TuffPumps.com](http://www.TuffPumps.com)

## P & PV SERIES

**Paper, Pulp & Process Pumps**

**PUMPING SOLUTIONS TO A WORLD OF INDUSTRY**

**Tuff Pumps** for "tough applications" and few can be tougher than erosive and/or corrosive chemical and process liquors ~ exactly the type of media **Tuff Pumps** had in mind when it entered into the design and manufacture of centrifugal chemical/process pumping plant.

Whilst still one of the very few "family owned and run" pump businesses left in the pump industry, **Tuff Pumps** has an extremely comprehensive, effective, high quality, reliable pump range that is backed-up by a very personal pre and after sales service that is second to none.



**Tuff Pumps** new **P Series** is a horizontal range of *High Efficiency, Low Suction Pressure Paper, Pulp & Process* pumps in 12 standard sizes and numerous material combinations; from grey cast and ductile iron, through carbon and stainless steel, to more exotic stainless steel alloys. The **PV Series** is a vertical cantilever version for tank mounting.

Using established criteria, years of experience, and state of the art design and application know-how, **Tuff Pumps** has developed a heavy duty, high efficiency, low NPSH **Paper, Pulp & Process** pump range ~ designated as its **P Series** ~ and is successfully applying the range within a wide variety of market sectors and applications; a few of which are specified below:-

### **Paper, Pulp & Process:**

- Paper Stock & Fibrous Pulp
- White, Black & Green Liquors
- Chemical, Process & Fibrous Effluents
- De-watering & De-inking Liquors
- Air-entrained Liquors
- Corrosive & Non-corrosive Liquors
- Solids Entrained Liquors
- Non-API 610 Chemical/Process Liquors

### **Food & Beverage:**

- Liquor Distilling & Transfer
- All Corrosive & Non-corrosive Effluents
- Liquors with Suspended Solids
- Non-edible Food Processing

### **Mining & Mineral Processing & Power Generation & Steel:**

- Dewatering
- Low Density Slurries & Sludges
- Mildly Abrasive Solids in Suspension
- All Erosive & Corrosive Liquors
- Washdown & Sluicing

