



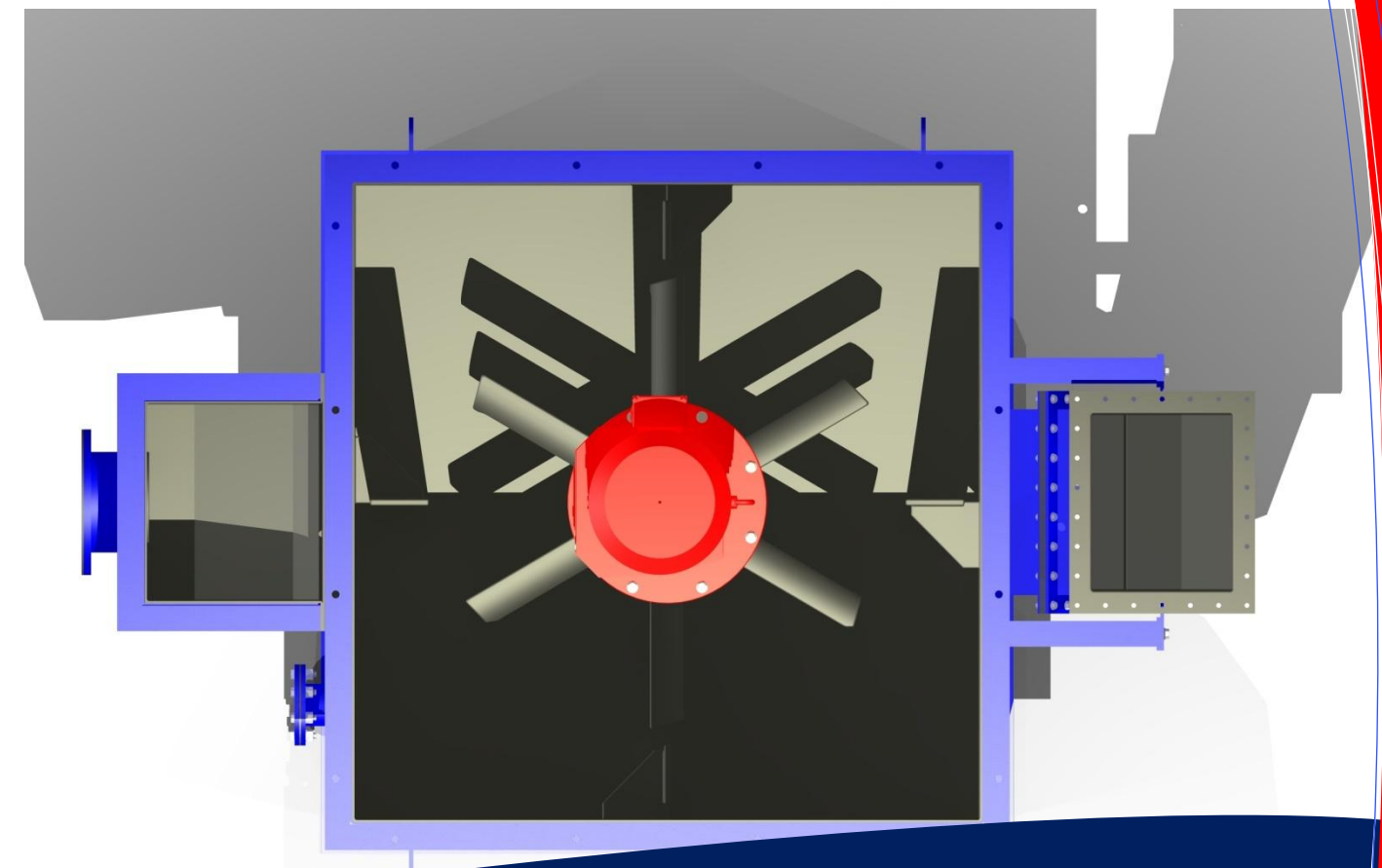
Pacific Minerals Processing (Pty) Ltd, based in Joondelup, Perth – Western Australia, supplies application-specific process equipment to the mineral processing industry.

The founding members collectively have close on 65 years experience in both the Australian and African mineral processing industry. The sole owner, Mr Mark Craddock also owns Pacific Minerals Processing's strategic alliance partner in South Africa – M C Process (Pty) Ltd

Pacific Minerals Processing promises to supply our clients equipment that is manufactured according to best practice and leading global standards, project - specific designs with guaranteed professional and personalised service.



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Process equipment that **WORKS**

Turbine
Attrition
Scrubbers



PACIFIC MINERALS PROCESSING TURBINE ATTRITION SCRUBBERS OFFER:

- Low capital and operating costs
- Minimal wear due to impact being particle-to-particle
- Replaceable, cost-effective impellers
- Low maintenance due to less impeller, baffle and tank wear
- Each scrubber can be designed to suit an ore type

Mixing technology at work for you

PACIFIC MINERALS PROCESSING SPECIALISES IN THE DESIGN AND SUPPLY OF COST-EFFECTIVE ATTRITION SCRUBBERS.

The Pacific Minerals Processing Turbine Attrition Scrubber is a culmination of more than fifteen years experience in this field.

The Turbine Attrition Scrubber operates on the principle of creating more attritioning zones within the machine.

The simple and effective design optimises utilisation of volume and power. It has no risk of scale up issues as the particles impact at 10mm distance from the impeller. The smaller blades offer more efficient power than conventional machines and the design prevents radial losses.

flexible solutions for your mixing needs

DESIGN BENEFITS

Pacific Minerals Processing's design criteria include important factors, which influence impact velocity:

Distance between impellers (increased inter-impeller distance causes particles to lose momentum and this reduces impact velocity.)

% Solids (The higher the % solids, the greater the chance of impacting, but viscosity is increased and faster momentum loss is experienced.)

Viscosity (Higher viscosity = faster speed reduction)

Tip Speed (Higher tip speed = faster wear, more power absorbed)

SUITABLE INDUSTRIES

COAL, GOLD, PLATINUM, COPPER, COBALT AND MINERALS MINING.

FEATURES

Low power consumption - 9 sets of impellers use the same power as 1 large impeller set

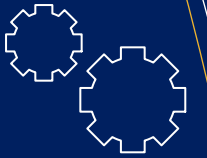
Work achieved - particles impact at the correct velocity due to the compact impellers which increase velocity



All parts are light and easy to handle. The impeller gap can be increased or decreased, within design limits, for optimal attritioning based on the ore type and particle size.

MATERIALS OF CONSTRUCTION

The complete tank is built up around an angle iron skeleton. Sides are rubber-covered flat plates bolted to the frame offering simple and cost-effective maintenance. Replaceable polyurethane impellers are bolted into support cups



CUSTOM SOLUTIONS

Pacific Minerals Processing has the ability to adapt to the clients' process requirements as all designs are developed in-house.



www.pacificmp.com.au/

Visit Pacific Minerals Processing's website to find out more information on their Turbine Attritioning scrubbing technology.



CONTACT US FOR YOUR ATTRITIONING REQUIREMENTS

Call Pacific Minerals Processing to discuss a unique solution based on your process-specific needs.

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