



SEPRO TYRE DRIVE AGGLOMERATION DRUMS

APPLICATIONS

Gold

- Mixing of lime for pH control
- Cement for binder
- Cyanide solution

Copper, Uranium or Nickel Laterite

- Sulfuric acid
- Organic polymers for binder

KEY ADVANTAGES

- Short delivery times
- Low installation costs with no heavy foundation requirements
- No critical components such as ring gears, chain drive, steel wheels or trunnion bearings
- Standard, off-the-shelf major components to minimize any downtime
- Commercial heavy truck tyres that can easily be sourced locally
- Units are all pre-assembled and shop tested
- Flexible rubber liners to prevent buildup
- Shell supported design allows for quick and efficient maintenance
- Drum angle on frame is adjustable to suit application

LOW CAPITAL COST AND SHORT DELIVERY TIMES

Sepro Tyre Drive Agglomeration Drums are specifically designed to prepare feeds with high fines content on Gold and Base Metal heap leaching operations. The action in the Agglomeration Drum, combined with small additions of cement or lime, binds the fines into an agglomerated product. This product is then heaped and leached without “pooling” and “channeling” caused by loss of heap permeability. Complete with a variable frequency drive (VFD) package, operators are able to fine tune the operation of the Sepro Agglomerator based on the application. No auxiliary drive is required to perform maintenance. Sepro Agglomerator shells are manufactured in one piece to high quality standards and are thermally stress relieved to eliminate localized high stress areas.

The machine utilizes the Sepro Pneumatic Tyre Drive System (PTD) which provides an alternative to standard chain and gear drive systems. This system of rubber tyres mounted on independent gear boxes provides excellent serviceability and reliability, having been well proven in numerous difficult applications. An instrumental feature accompanying Sepro’s tyre driven equipment is the tyre pressure monitoring system (TPMS) which comes standard with each Sepro rotary control console.

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STANDARD AGGLOMERATOR SIZES

DIA. X L (m)	UNITS (kW)	INSTALLED POWER (kW)
1.8 x 5.0	1 x 45	45
2.1 x 6.0	2 x 30	60
2.5 x 8	3 x 30	90
3.0 x 9.5	3 x 45	135
3.6 x 10	4 x 60	240

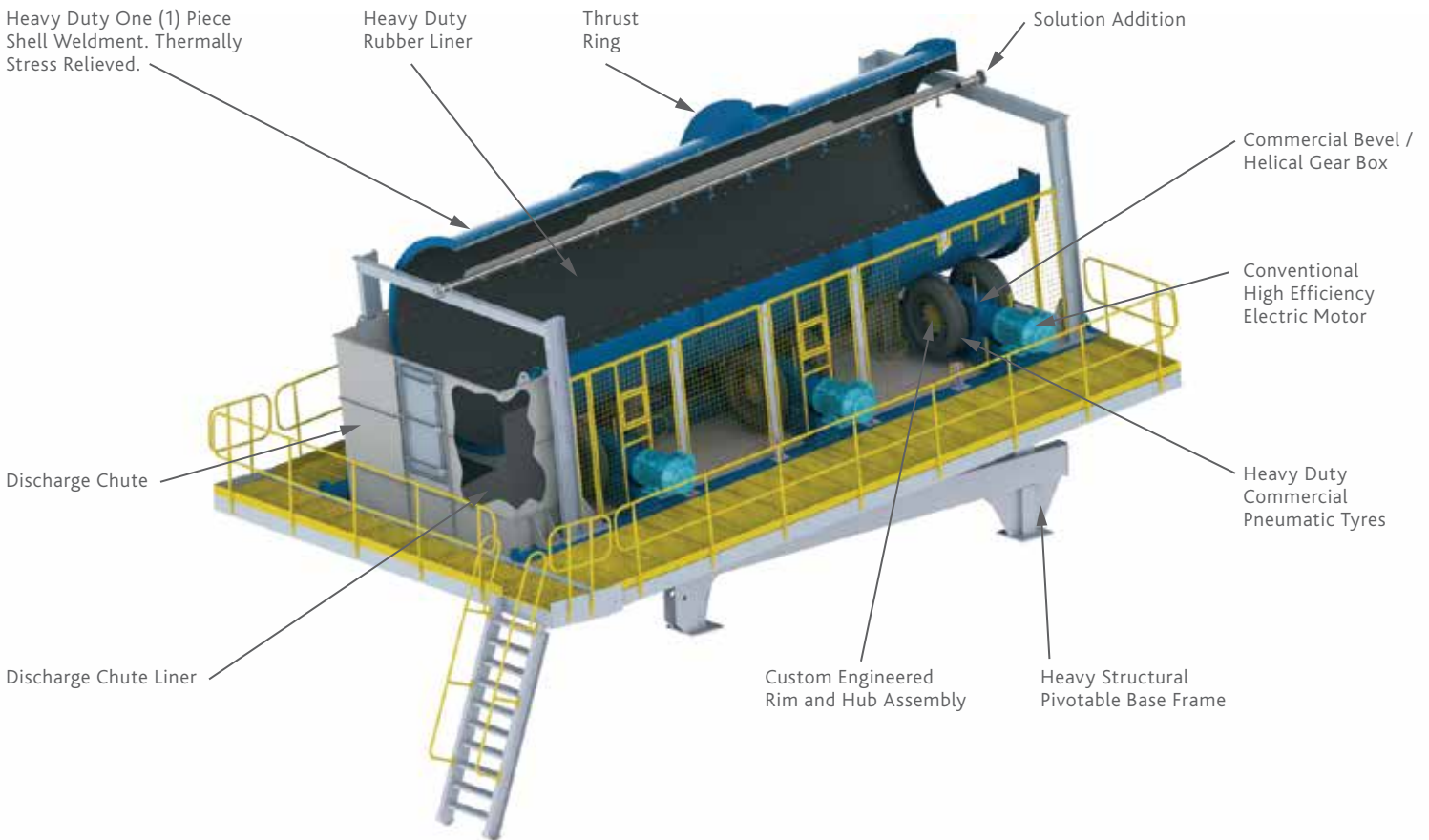
Note: Specifications are job/project dependent and/or application specific. Please check with Sepro sales representative.



3.0 x 8.5 Sepro Agglomeration Drum



Sepro Pneumatic Tyre Drive System (PTD)



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