Prograde

Drill Sampling - Protecting the Asset

PGX SERIES TRAILER MOUNTED SAMPLING SYSTEMS

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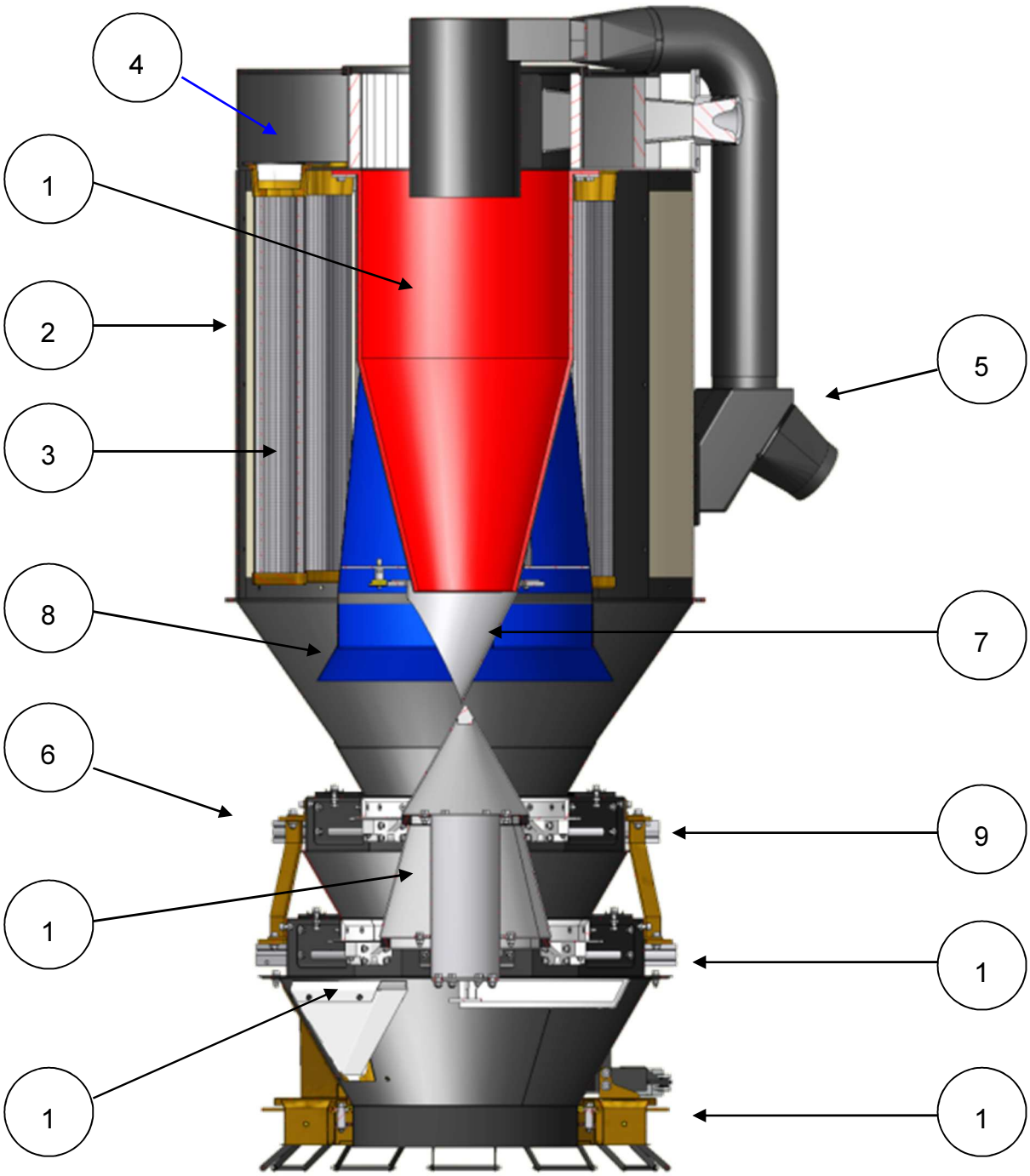
PGX Sampler Features:

- For production, grade control and exploration sampling
- 160-400 cross sectional slices of the interval sampled per metre
- Unparalleled representivity
- Annular Gate Distribution technology
- Wet and dry sampling
- 100% recovery for sampling (coarse & fines)
- Special anti-static, low pressure drop filtration technology
- <1mg/m³ Dust Emission to Atmosphere
- Fully automatic, continuous sequenced sampling
- Increased internal apertures
- Increased internal cross-sectional area
- Internally surface treated for hang-up resistance
- Induced internal vibration evenly assists material flow
- Continuous ore release – no requirement to collect & store interval prior to splitting
- Splitting percentage fully adjustable
- Capable of taking multiple samples at once (primary, duplicate, logging, etc)
- Cutter blade design in accordance with Sampling Theory guidelines
- Automatic multi-station sample bag carousel
- 30% Reduction in system height and weight to other available systems on the market
- Rig, truck or trailer mounted options

Key:

1. PulseClone™ Internal Ceramic/Poly-Lined Cyclone
2. PulseClone™ Fines Collector
3. Special anti-static, low DP membrane filters
4. Jet Pulse Filter Cleaning System (Fines)
5. Moisture Diverter Valve
6. ANDIS Sampler
7. Annular Distribution Nozzle
8. Self-purging fines curtain
9. Upper Annular Gate Assembly
10. Lower Annular Gate Assembly
11. Spreader Cones
12. Adjustable Split Percentage Sampling Blades
13. Internal Vibrator
14. Multi-station Sample Bag Carousel



PGX SERIES SAMPLERS

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PGX Trailer Features:

- Prograde Sampling System (see separate brochure for details)
- 4-Wheel, Twin Axle
- Hydraulic Levelling Jacks
- Hydraulic Sampler Mast Raise/Lower for transport, maintenance & cleaning
- Services Connections accessed from a single location
- Air Brakes or Electric Break-Away Brakes with Brake Bias Controller for towing vehicle
- Heavy Duty Ring Hitch
- Jockey Wheel
- Spare Wheel
- 12/24VDC LED Tail Lights
- IP66 Rated Enclosures
- Fits inside standard sea container for export

Services

Operating Hydraulic Supply

- Exhaust Fan 60 l/min @ 800psi
- Distribution Nozzle 5 l/min @800psi

Operating Pneumatic Supply

- ANDIS Gates – 50 l/min @ 130 psi
- Carousel, Diverter Valve & Vibrator 20 l/min @ 90 psi
- Dust Collector Jet Pulse 3 l/sec @ 50 psi

Operating Electrical Supply

- 24VDC

Dimensions

Transport: 4.8m l x 2.3m w x 2.3m h

Operating: 4.8m l x 2.3m w x 3.7m h

Weight (Empty) Approx 3.5 tonnes

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