2', 3' and 4.25' cone crusher, on wheels, with screen and close-circuit

(Shown with this 3' cone crusher, on wheels, with screen and close-circuit)

Triaso general characteristics in these cone crushers on wheels, with screen and close circuit

- ► Heavy duty design and materials.
- ► Industrial design, focused on aesthetics to favor your company´s image.
- ► Mining specifications: 100% operation cycle under highly contaminated environment.
- ► Siemens™ motors and electrical parts.
- ► Electric system: Cables, starters, cabinets, ducts, connectors, etc.
- ► Heavy duty cabling, polarized to ground motors.
- ► Quick connection contacts, with indicative signs and protection against weather.
- ► Conveyors, hoppers and chutes manufactured under strict Cema-6 specifications.
- ► Conveyors capable to start up fully loaded with material.
- ► Belt vulcanized at the jointures (without clamps), for longer durability and smoother operation.
- ► Power transmissions with extra sized heavy duty Browning™ gear reductors.
- ► Power transmissions with hub mounted steel pulleys.
- ► Heavy duty idlers, with bearings sealed against water and dust.
- ► Heavy duty mounted bearings sealed against water and dust.
- ► Galvanized screws for longer life, easier unscrewing and oxide stains elimination.
- ► High quality electrostatic automotive paint (baked) in medium to small size pieces.
  - High corrosion-resistance, high adherence and long lasting color.
- ► Security elements as well as pertinent warnings to protect the equipment and your personnel.

Symons type cone, short or standard head, with several cavitys available: Fine, medium, coarse and extra coarse

- 2'.
- 3'.
- 4.25'.

Inclined vibrating screen, foldable to decrease the transportation height

With hydraulic lifting system.

- Two 4' x 6' decks, with 3 Hp motor in the 2' cone.
- Three 5' x 14' decks, with 15 Hp motor in the 3' cone.
- Three 6' x 16' decks, with 20 Hp motor in the 4.25' cone.

Bowl locking system:

- Locking thru hydraulic jacks.
- Cavity opening and closing thru hydraulic jacks.
- Operation console with integrated oil tank.
- High pressure oil pump with electric motor.
- Adjustable range of locking pressure, for automatic operation of the pressure pump.

Belt conveyor for elevation to the screen

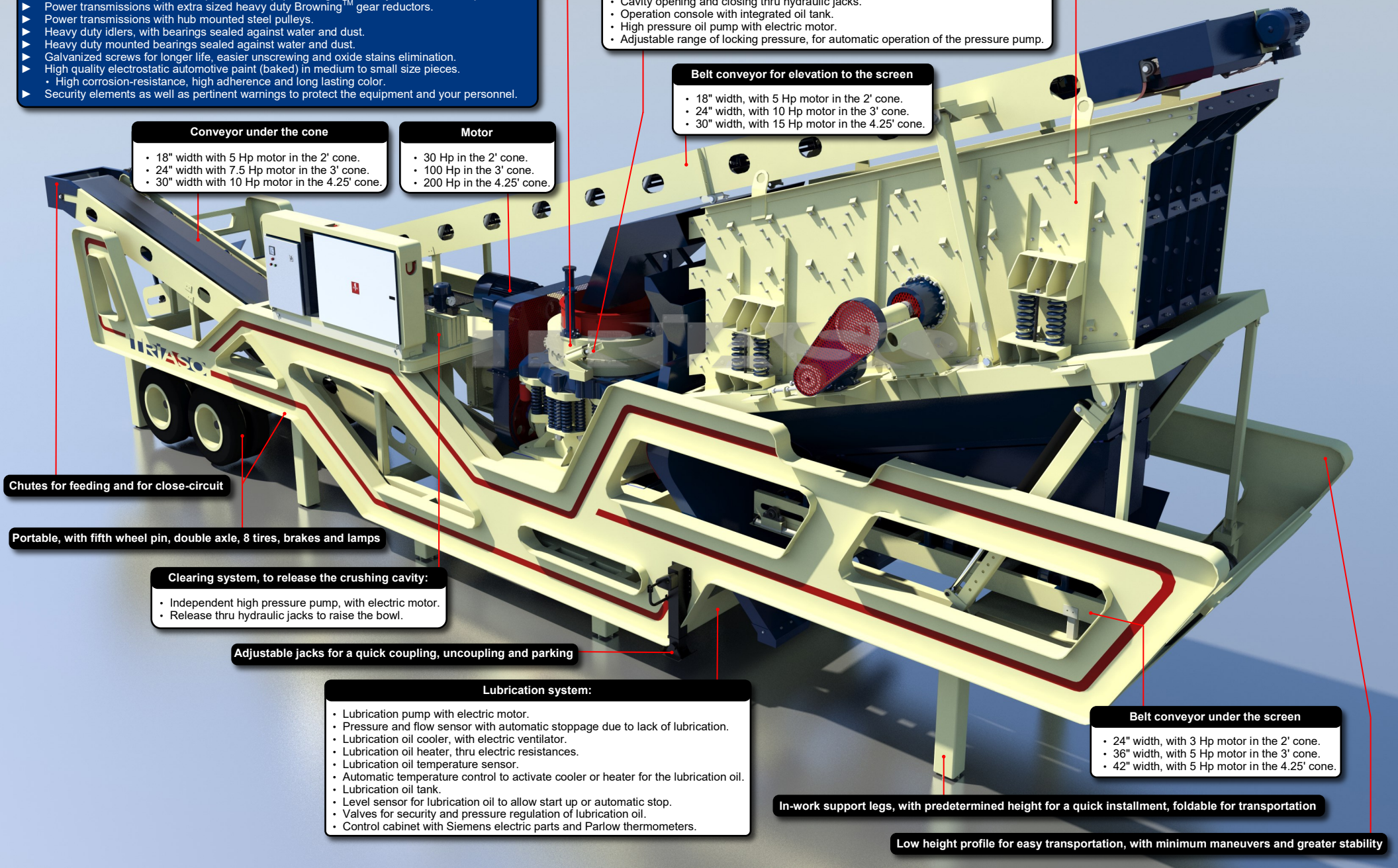
- 18" width, with 5 Hp motor in the 2' cone.
- 24" width, with 10 Hp motor in the 3' cone.
- 30" width, with 15 Hp motor in the 4.25' cone.

Conveyor under the cone

- 18" width with 5 Hp motor in the 2' cone.
- 24" width with 7.5 Hp motor in the 3' cone.
- 30" width with 10 Hp motor in the 4.25' cone.

Motor

- 30 Hp in the 2' cone.
- 100 Hp in the 3' cone.
- 200 Hp in the 4.25' cone.



Chutes for feeding and for close-circuit

Portable, with fifth wheel pin, double axle, 8 tires, brakes and lamps

Clearing system, to release the crushing cavity:

- Independent high pressure pump, with electric motor.
- Release thru hydraulic jacks to raise the bowl.

Adjustable jacks for a quick coupling, uncoupling and parking

Lubrication system:

- Lubrication pump with electric motor.
- Pressure and flow sensor with automatic stoppage due to lack of lubrication.
- Lubrication oil cooler, with electric ventilator.
- Lubrication oil heater, thru electric resistances.
- Lubrication oil temperature sensor.
- Automatic temperature control to activate cooler or heater for the lubrication oil.
- Lubrication oil tank.
- Level sensor for lubrication oil to allow start up or automatic stop.
- Valves for security and pressure regulation of lubrication oil.
- Control cabinet with Siemens electric parts and Parlow thermometers.

Belt conveyor under the screen

- 24" width, with 3 Hp motor in the 2' cone.
- 36" width, with 5 Hp motor in the 3' cone.
- 42" width, with 5 Hp motor in the 4.25' cone.

In-work support legs, with predetermined height for a quick installment, foldable for transportation

Low height profile for easy transportation, with minimum maneuvers and greater stability