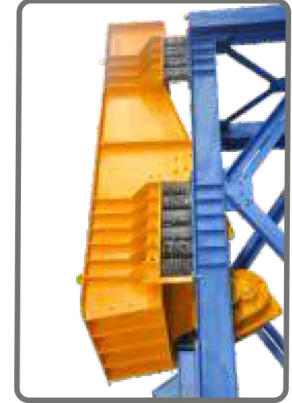


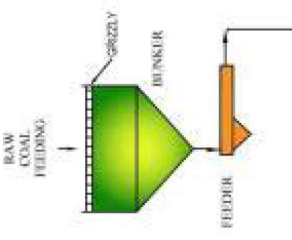
| Heavy Media Coal Washing Plants



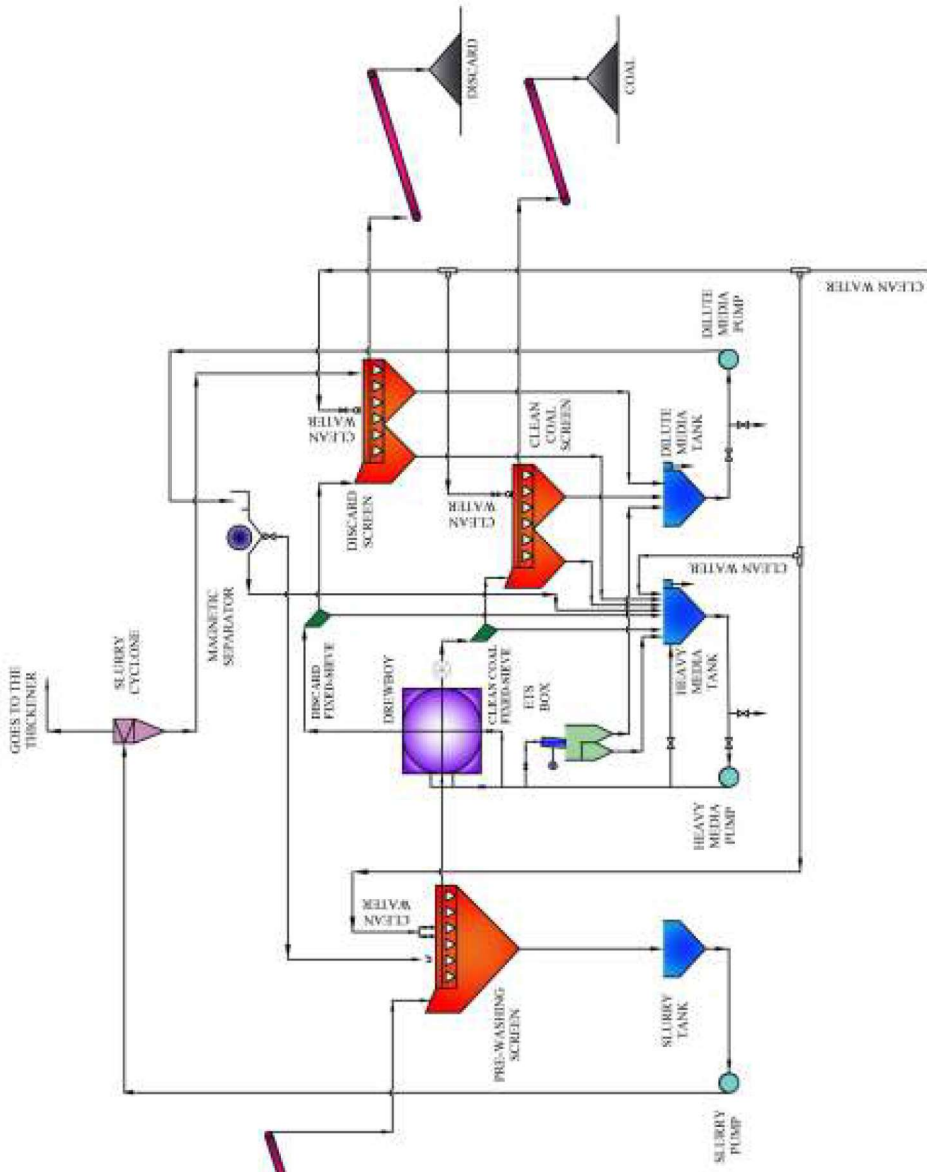
HEAVY MEDIA COARSE COAL WASHING CIRCUIT



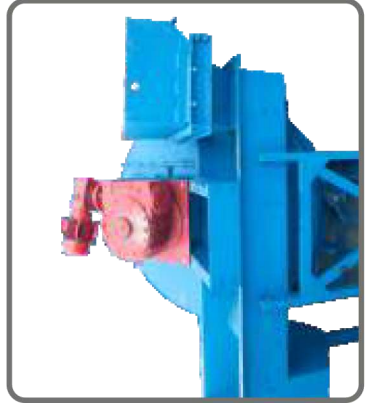
Feeder



DISCHARGE TO THE THICKENER



Pre - Washing Screen



Drawboy



Slurry Pump



Cyclone



Clean Coal Screen



Magnetic Separator

HEAVY MEDIA COARSE COAL WASHING PLANTS

Our constructs coarse coal washing plants on EPC / Concept to Commissioning basis.

Drum / Drewboy Heavy Media Plant is a dense media system used in washing process of +10 mm -250mm coal. We can manufacture Drum / Drewboy Heavy Media Plants with a minimum capacity of 25 TPH to the customer required capacities. Feeding grain thickness might be changed whenever required, without any performance loss during washing of +10 mm – 250 mm. Coarse coal washing plant is produced as semi-mobile especially in low capacities. We can construct a complete Drum / Drewboy Heavy Media Plant from input hoppers to output conveyors including all classification, separation and dewatering / drying applications and also manufactures separate washing modules.



We can guarantee for the required higher calorific value and lower ash content in the product coal if the proper raw coal data is priorly provided by the customer.

TECHNICAL FEATURES

Separates + 10 mm – 250 mm materials

With Drewboy Separator

- Two products are obtained as clean coal and discharge.

With Drum Separator

- Two / three products may be obtained as clean coal, middlings and discharge depending on the separator type.

GENERAL FEATURES

Minimum magnetite loss
High capacity processing
Durable design and abrasion resistant body

| Coal Grain Size (mm) | Unit Capacity |
|----------------------|---------------|
| +10-100 | 25 |
| +10-150 | 50 |
| +10-150 | 100 |
| +10-200 | 200 |
| +10-250 | 300 |

HEAVY MEDIA FINE COAL WASHING CIRCUIT



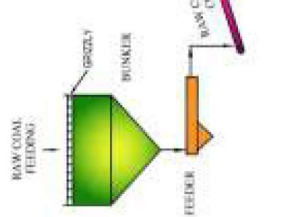
Feeder



Pre - Washing Screen



Spiral Battery



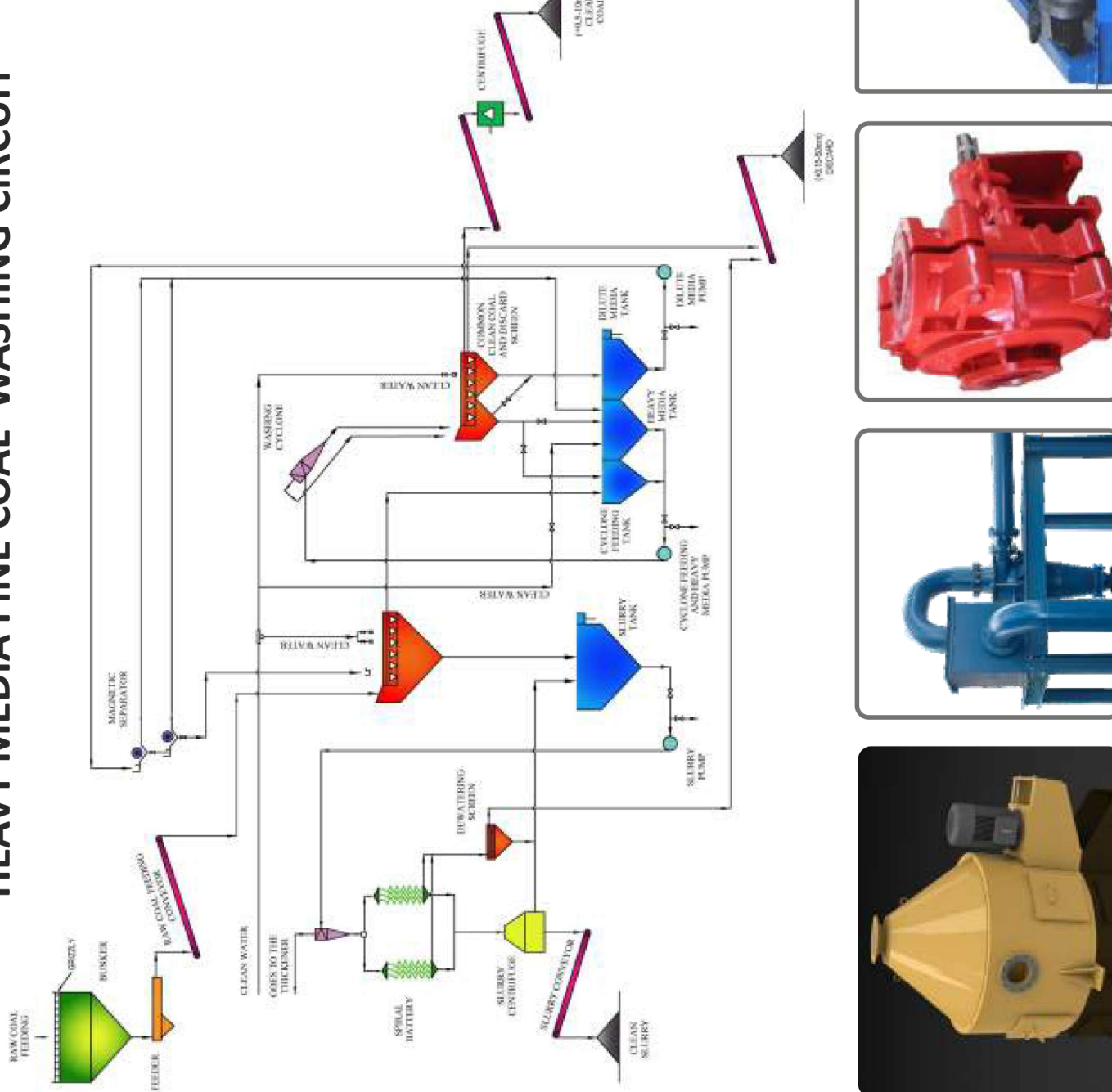
Magnetic Separator



Common Clean Coal
And Discard
Screen



Centrifuge



Slurry Centrifuge



Cyclone



Slurry Pump



Centrifuge

HEAVY MEDIA FINE COAL WASHING PLANTS

Our constructs fine coal washing solutions on EPC / Concept to Commissioning basis.

We can manufacture Heavy Media Fine Coal Washing Plants with a minimum capacity of 25 TPH to the customer defined capacities which can wash + 0,5 mm – 50 mm coal. The Heavy Media Fine Coal Washing Plants, engineered and designed by us, might be installed as semi-mobile and stationary. Heavy media washing, as the latest available washing technology, provides the most efficient results available. We can construct a complete fine coal washing plant from input hoppers to output conveyors including all classification, separation and dewatering/drying applications and also manufactures separate washing modules.



We can guarantee for the required higher calorific value and lower ash content in the product coal if the proper raw coal data is priorly provided by the customer.

TECHNICAL FEATURES

Separates + 0,5 mm - 50 mm materials

With 2 products washing cyclone

- Clean coal and discharge can be obtained.

With 3 products washing cyclone

- Clean coal, middlings and discharge can be obtained.

Cyclones can be made of Ni-Hard 4 high resistant cast or ceramic lined (Alumina 97)

GENERAL FEATURES

Efficient separation
Efficient control for separation cut point
High capacity processing
Efficient water recirculation
Minimum magnetite loss

| Coal Grain Size (mm) | Unit Capacity |
|----------------------|---------------|
| +0,5-10 | 25 |
| +0,5-20 | 50 |
| +0,5-40 | 75 |
| +0,5-50 | 100 |
| +0,5-50 | 150 |
| +0,5-50 | 200 |

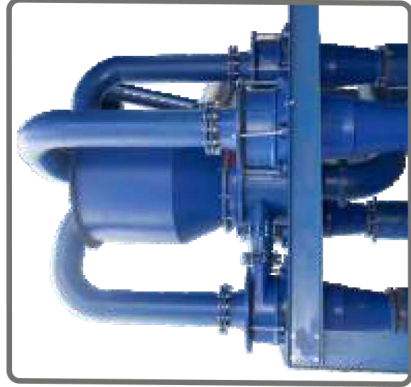
HEAVY MEDIA GRAVITY FEED CYCLONE CIRCUIT



Feeder



Pre - Washing Screen



Hydro Cyclone



Gravity Feed Cyclone



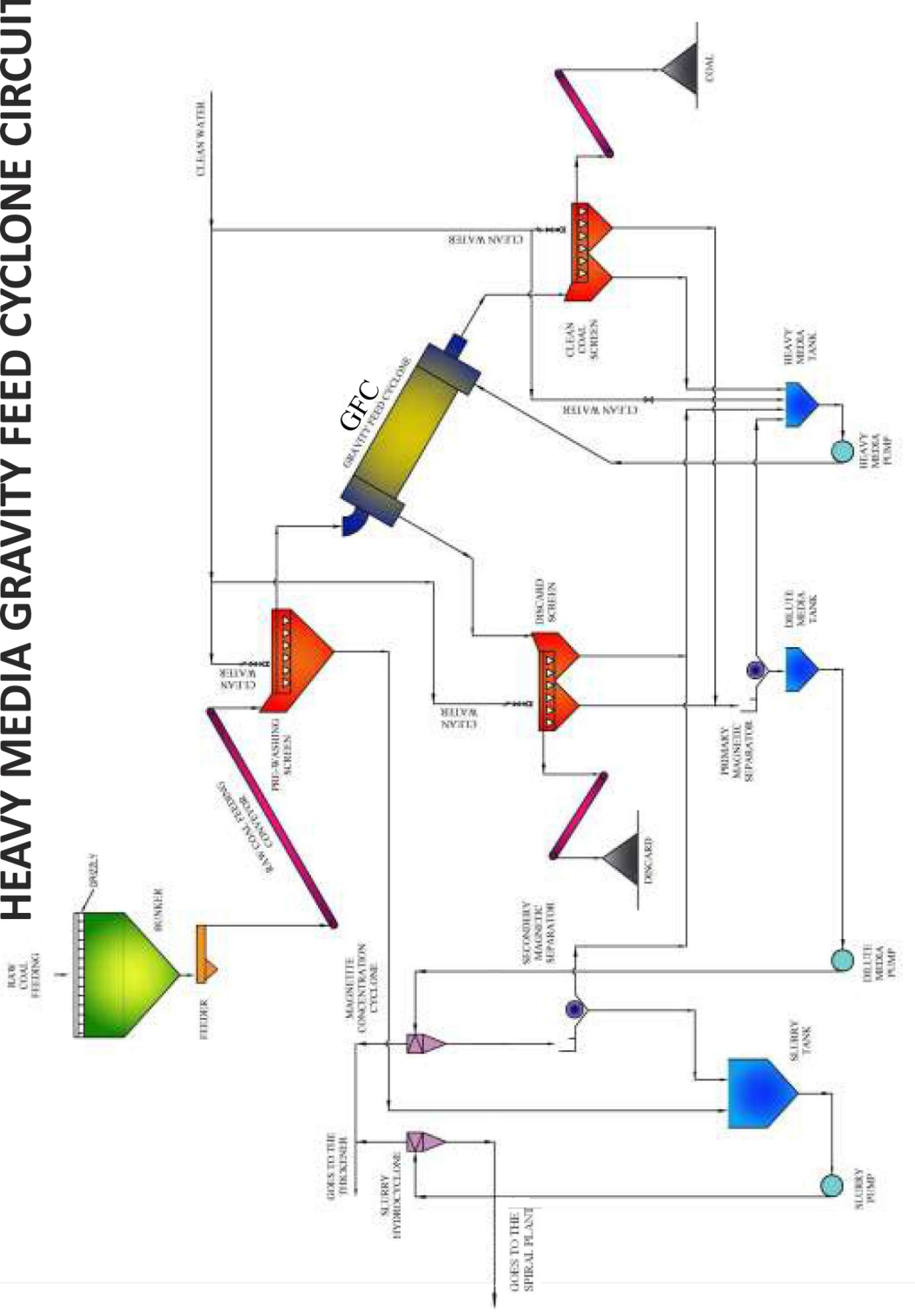
Cyclone



Slurry Pump



Magnetic Separator



HEAVY MEDIA GRAVITY FEED CYCLONE PLANTS

Our constructs coarse - fine (+ 0,5 mm -120 mm) coal washing solutions on EPC / Concept to Commissioning basis.

GFC (Heavy Media Gravity Feed Cyclone) Plant is a dense media system used in washing process of +0,5 mm – 120 mm coal. We can construct a complete GFC Plant from input hoppers to output conveyors including all classification, separation and dewatering / drying applications and also manufactures separate washing modules.



Two product and three product output (primary + secondary cyclone) can be obtained.

We can guarantee for the required higher calorific value and lower ash content in the product coal if the proper raw coal data is priorly provided by the customer.

TECHNICAL FEATURES

Separates + 0,5 mm - 120mm materials

GFC can separate up to 500 TPH per unit

With 2 Product Cyclone

- Clean coal and discard can be obtained.

With 3 Product Cyclone

- Clean coal, middlings and discard can be obtained.

GENERAL FEATURES

Efficient separation

Low energy consumption

Low installation cost

Simple construction structure

Low operational cost

Minimum magnetite loss

Minimum abrasion loss

Non-existence of malfunctions due to low number of moving parts