

# AGGWASH 60-1/60-2



## FEATURES

- Modular wash plant
- Rinsing, screening, scrubbing and sand washing on a single transportable chassis
- Suitable for processing construction and demolition waste and virgin material applications
- Produces 4 grades of aggregate and 1 to 2 grades of sand at up to 70tph
- Winner 2010 World Demolition Awards

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## FEATURES AND BENEFITS

- Rinsing, screening, scrubbing and sand processing on a single transportable chassis
- Produces 4 grades of aggregate and up to 2 grades of sand
- Fully modular, pre wired and pre plumbed
- Removal of trash and ferrous metals
- Fully electrically powered, complete with control panel
- Heavy duty robust construction, ideal for rugged operating environments
- Quick set-up time (approximately 1 day)
- Remote greasing to all bearings
- Environmentally friendly with zero exhaust emissions
- Modular polyurethane screen decks
- Spray bars with wide jet nozzles
- Spray bars isolated from screen
- Feed height 5.0m (16' 4")
- High performance vibratory motors
- Rubber lined pump and cyclone
- Low water usage
- Adjustable logwasher hull angle and weirs

## FREQUENTLY ASKED QUESTIONS

### What advantages does the Aggwash offer when compared to standard wash plant arrangements?

- The New Aggwash has been designed to handle a wide variety of aggregates, it is capable of producing five saleable products plus recovered ferrous metals
- A key feature of the Aggwash is its ability to offer operators the flexibility to quickly and easily re-locate a complete wash plant operation, thereby eliminating the need for machinery duplication
- Additionally the Aggwash also allows operators to work in space and emission constrained sites because of its compact size and zero exhaust emissions

### How many saleable products can be produced with the Aggwash?

- The Aggwash is capable of producing 6 saleable products, plus metal & trash
- Polyurethane screen meshes can be easily changed to produce different grades of stone as required



# AGGWASH 60-1 / 60-2

## KEY FEATURES

### AGGWASH 60-1

OUTPUT POTENTIAL	Up to 70tph (78 UStph)
WEIGHT (EST)	28,600kgs (63,100lbs)
WORKING WIDTH	2.7m (8'8")
WORKING LENGTH	16.2m (53'3")
WORKING HEIGHT	3.63m (11'4")

### AGGWASH 60-2

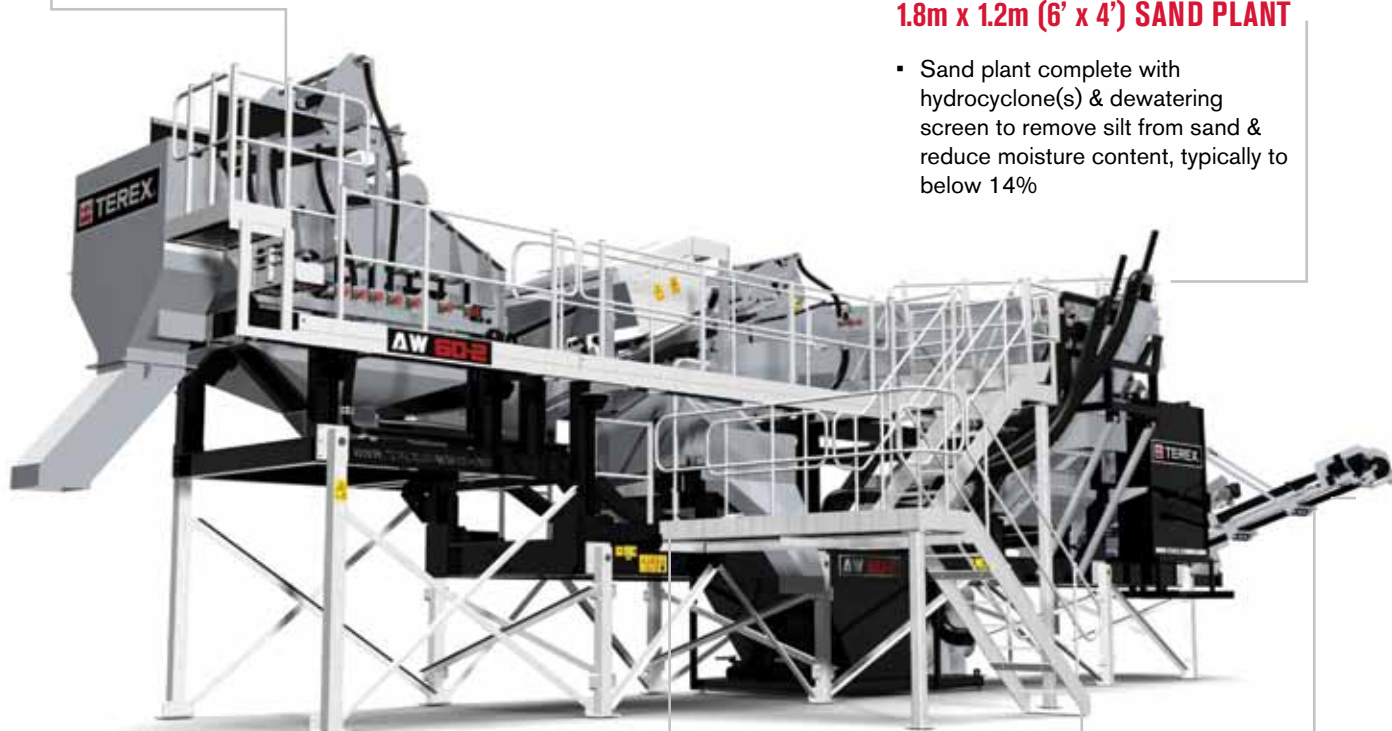
OUTPUT POTENTIAL	Up to 60tph (67 UStph)
WEIGHT (EST)	29,000kgs (63,930lbs)
WORKING WIDTH	2.7m (8'8")
WORKING LENGTH	16.2m (53'3")
WORKING HEIGHT	3.63m (11'4")

#### PRE-SCREEN

- 2.4m x 1.2m (8' x 4') single deck rinser screen with impact protection deck to wash oversize & sand
- High frequency rinser screen

#### 1.8m x 1.2m (6' x 4') SAND PLANT

- Sand plant complete with hydrocyclone(s) & dewatering screen to remove silt from sand & reduce moisture content, typically to below 14%



#### WALKWAY & ACCESS STEPS

- Full length galvanised inspection walkway

#### CONVEYORS

- Integrated aggregate stockpiling conveyers

# AGGWASH 60-1 / 60-2

## KEY FEATURES

### FEED CONVEYOR

- 600mm wide belt

### OVERBAND MAGNET

- For removal of ferrous metals

### LOGWASHER

- Twin shaft powerscrub logwasher, to float organics & lights from the gravel fraction
- Scrubs gravel & removes clay & adhered contaminants

### 2.4m x 1.2m (8' x 4') PART RINSER

- 2-deck part rinser screen to size the clean gravel products

### SLURRY COLLECTION TANK

- With anti-turbulence box & weir overflow system

### 1.8m x 0.6m (6' x 2') TRASH SCREEN

- Trash dewatering screen





# SPECIFICATIONS

## OPTIONAL 8' X 4' PRE-SCREEN

Size 2.4m x 1.2m (8' X 4')

Oversize protection deck

Modular polyurethane screen decks

6 spray bars with wide jet nozzles

Spray bars isolated from screen

Oscillating anti vibration mounts

2 x vibratory motors (4kW input)

Feed In height 5.0m (16' - 4")



## FEED CONVEYOR

Fully guarded

Electric drive (3kW power)

600mm wide belt

External belt adjustment

Polyurethane tear drop belt scrapers

Optional overband magnet



## POWERSCRUB LOGWASHER

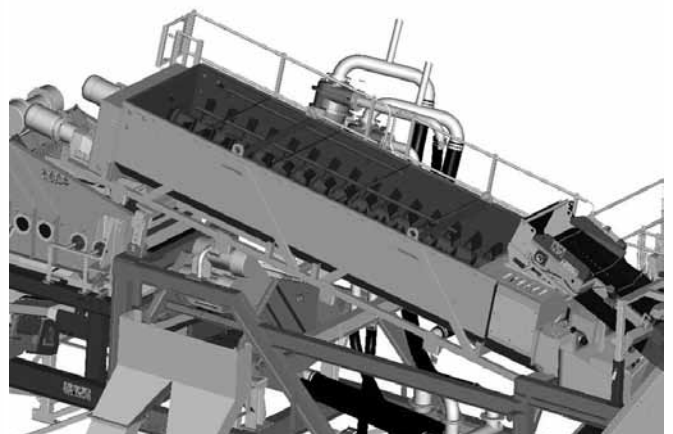
Twin shaft, with interchangeable high tensile blades and paddles

Angle adjustable hull, to enhance scrubbing action, in difficult applications

Two high output electrical motors driving two counter rotating axles, which perform the scrubbing action (15kW motor each)

Fresh water flushed idle stub shafts to prevent wear or damage

Elevated spray bars



## OPTIONAL 8' X 4' 2-DECK SIZING SCREEN

Size 2.4m x 1.2m (8' x 4')

2 off 4kW vibratory motors (960 rpm)

Part rinser

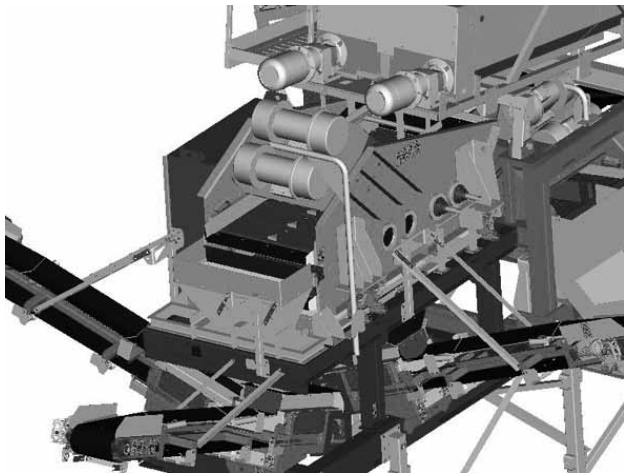
Modular polyurethane screen decks

Side protection liners

Rubber lined discharge chute

4 spray bars with wide jet nozzles

Oscillating anti vibration mounts



## 6' X 4' SAND SCREEN

Dewatering screen size 1.8m X 1.2m (6' X 4')

Vibratory motors 2 X 2.3kW

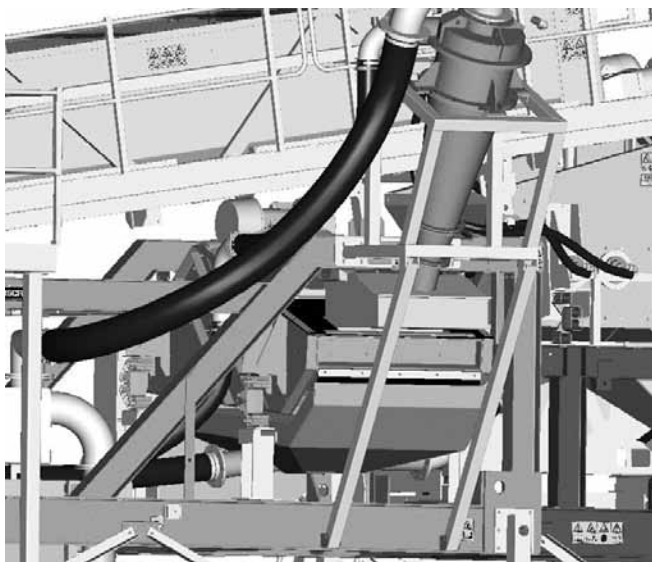
Screen aperture 0.5mm screens

Exceptional dewatering performance

Modular polyurethane screen decks

Side protection liners

Rubber lined discharge chute

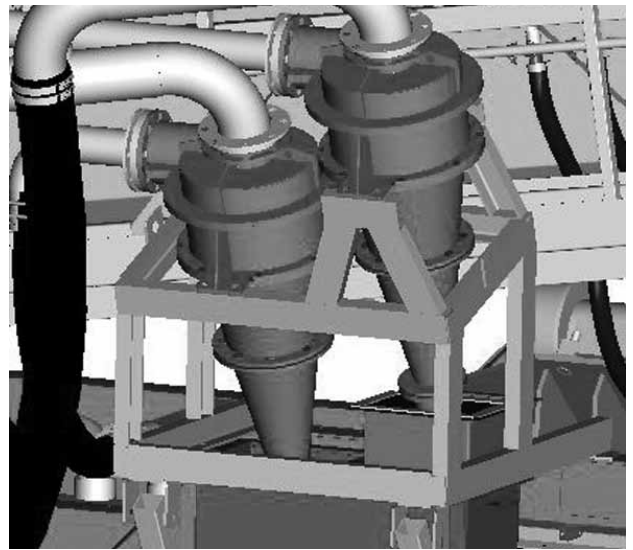


## CYCLONE

G4 375 cyclone

Rubber lined discharge spigot

Swept inlet design head for reduced turbulence and sharper classification



## 6' X 2' TRASH SCREEN

Size 1.8m x 0.6m (6' x 2')

2 off 1kW vibratory motors 960rpm

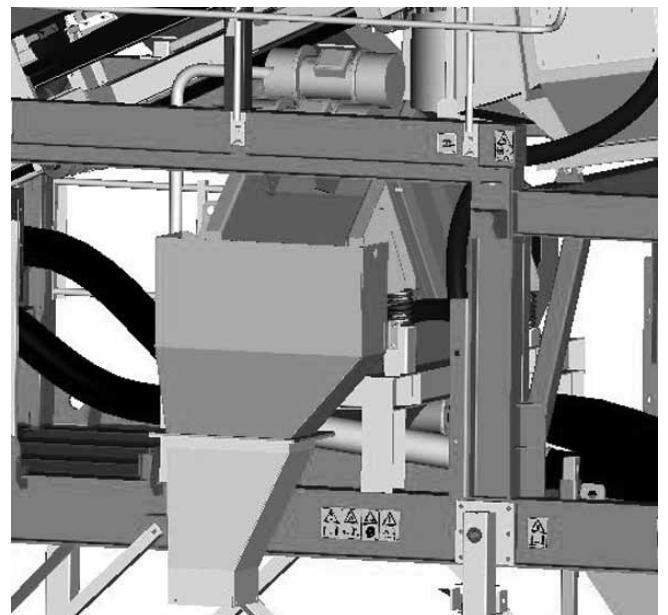
Exceptional dewatering performance

Modular polyurethane screen decks

Screen aperture 1mm, 2mm & 3mm

Side protection liners

Rubber lined discharge chute



## DISCHARGE CONVEYORS

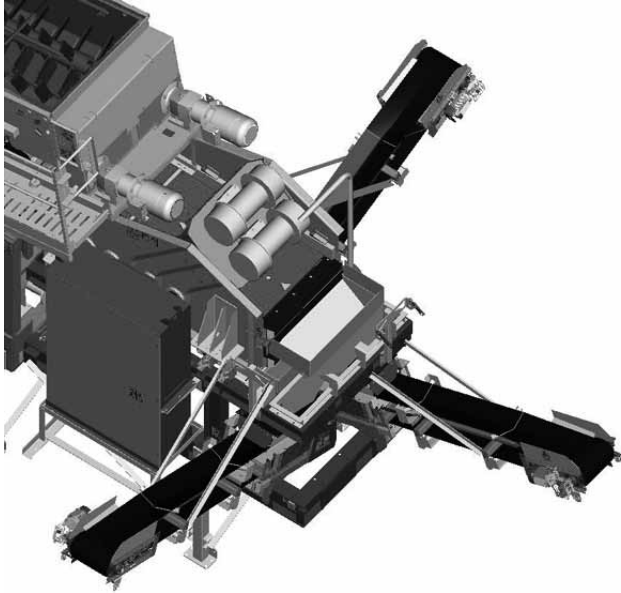
Integrated folding stockpile conveyors

Manual folding for transport

Low maintenance

400mm (16") plain belt

Discharge height 2.65m (8' 8")



## SLURRY COLLECTION TANK

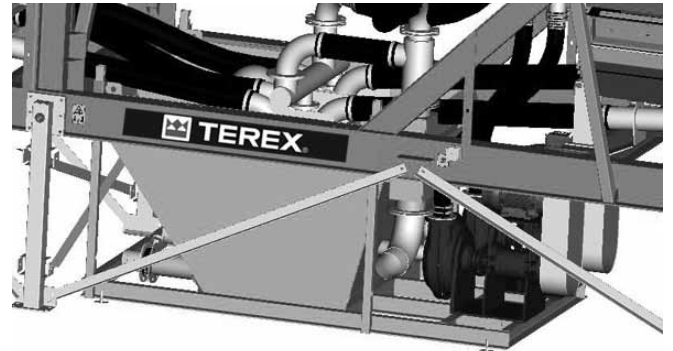
Overflow weir

Anti-turbulence inlet box

100/100 pump with 15kW motor

Stored in plant chassis during transport

Breather hole in suction line to reduce chance of blockages



## WALKWAY

Full length walkways and access ladder for maintenance. These are fitted with double row handrails and come galvanised as standard

## CHASSIS

Heavy duty welded construction provides maximum strength and accessibility, with modular front & rear sections





## OTHER MACHINE OPTIONS

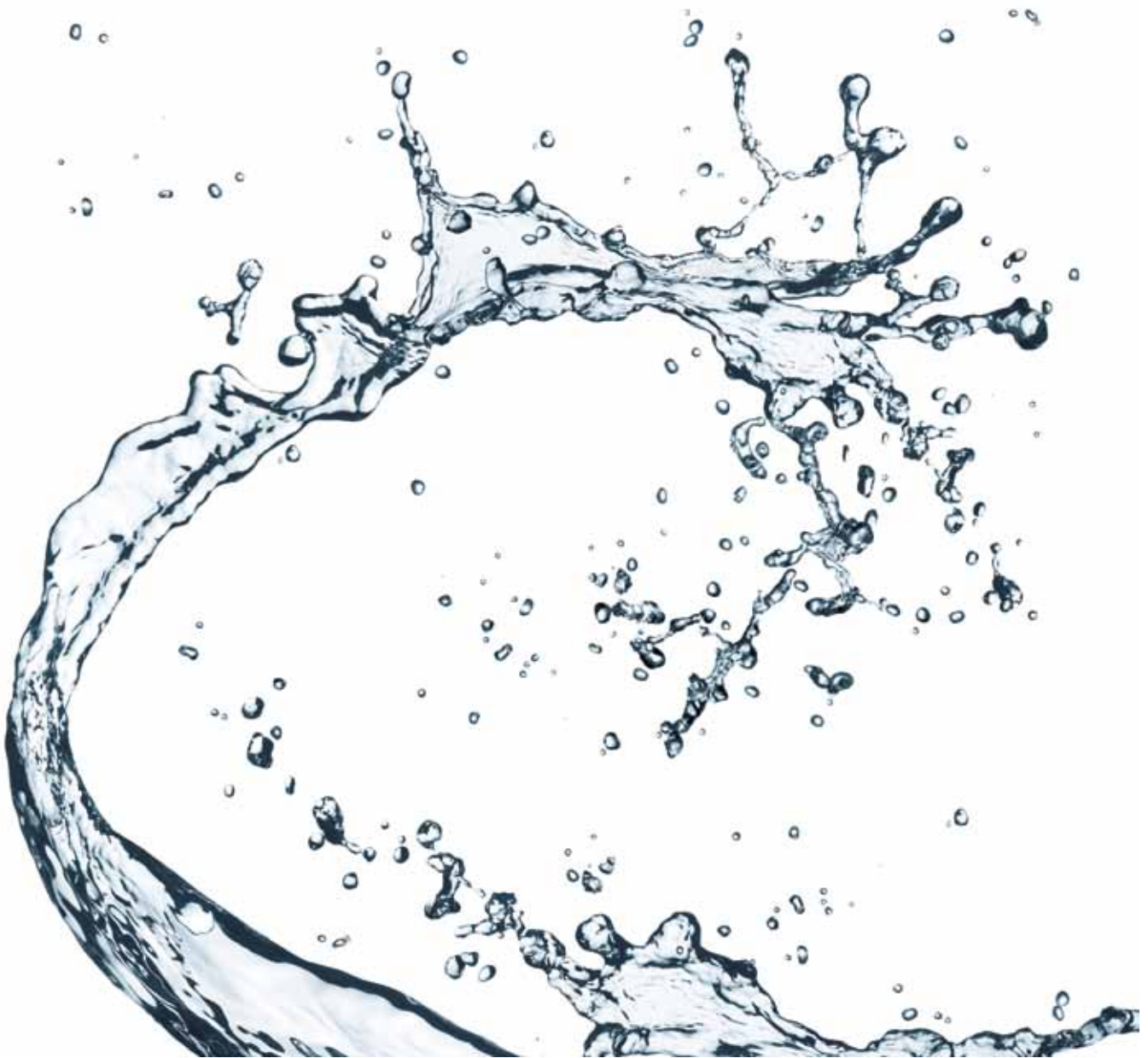
- Modular Pre-screen with integral protection deck & wash box
- Modular 2 deck sizing screen
- Telescopic stockpile conveyors
- Over band magnet

## OTHER MEDIA OPTIONS

- Various polyurethane modular mats apertures available
- Powerscrub: Interchangeable blades & paddles

## WATER CONSUMPTION

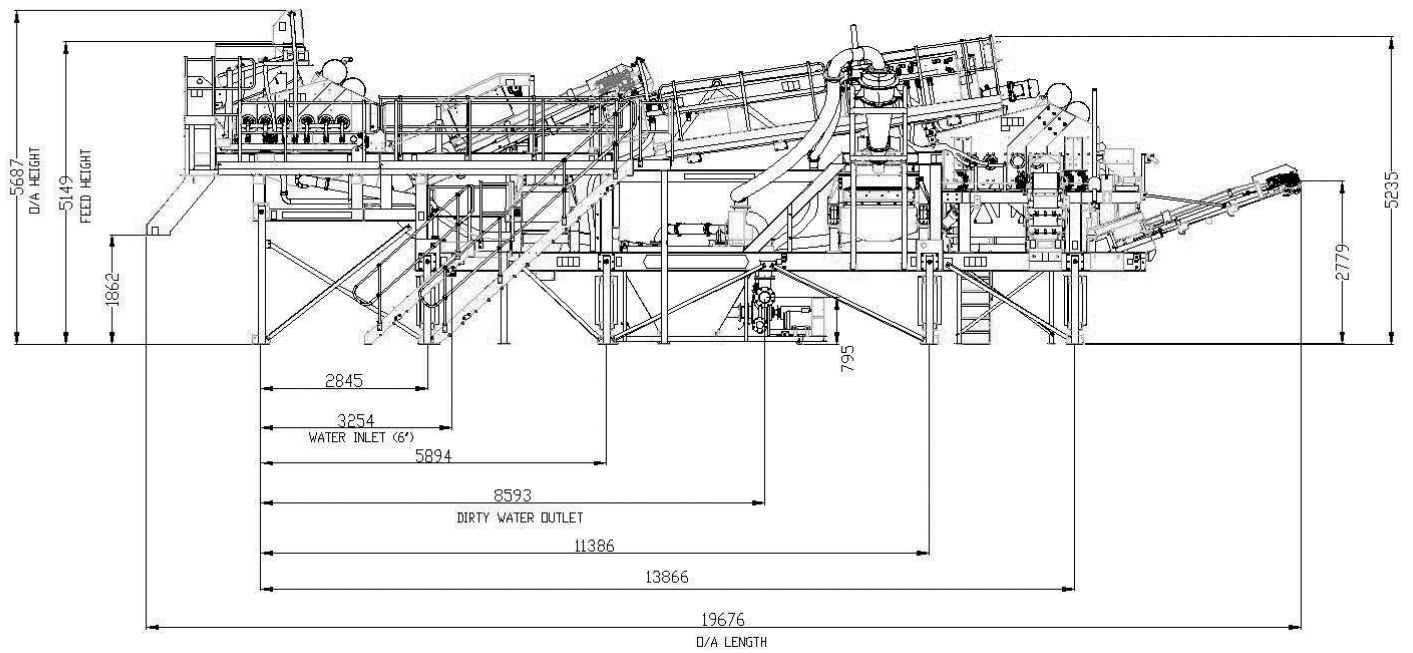
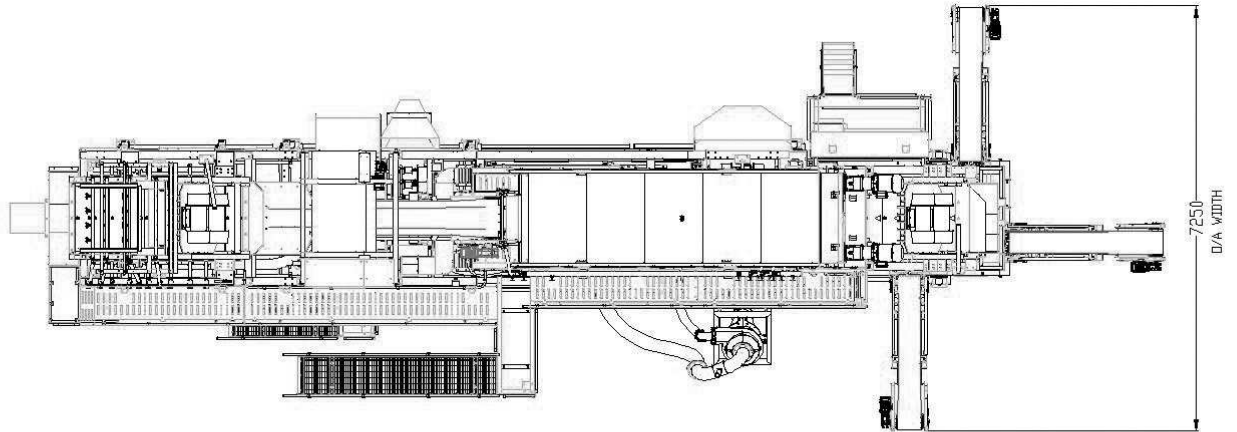
- Min - 100 m<sup>3</sup> per hour
- Max - 190 m<sup>3</sup> per hour



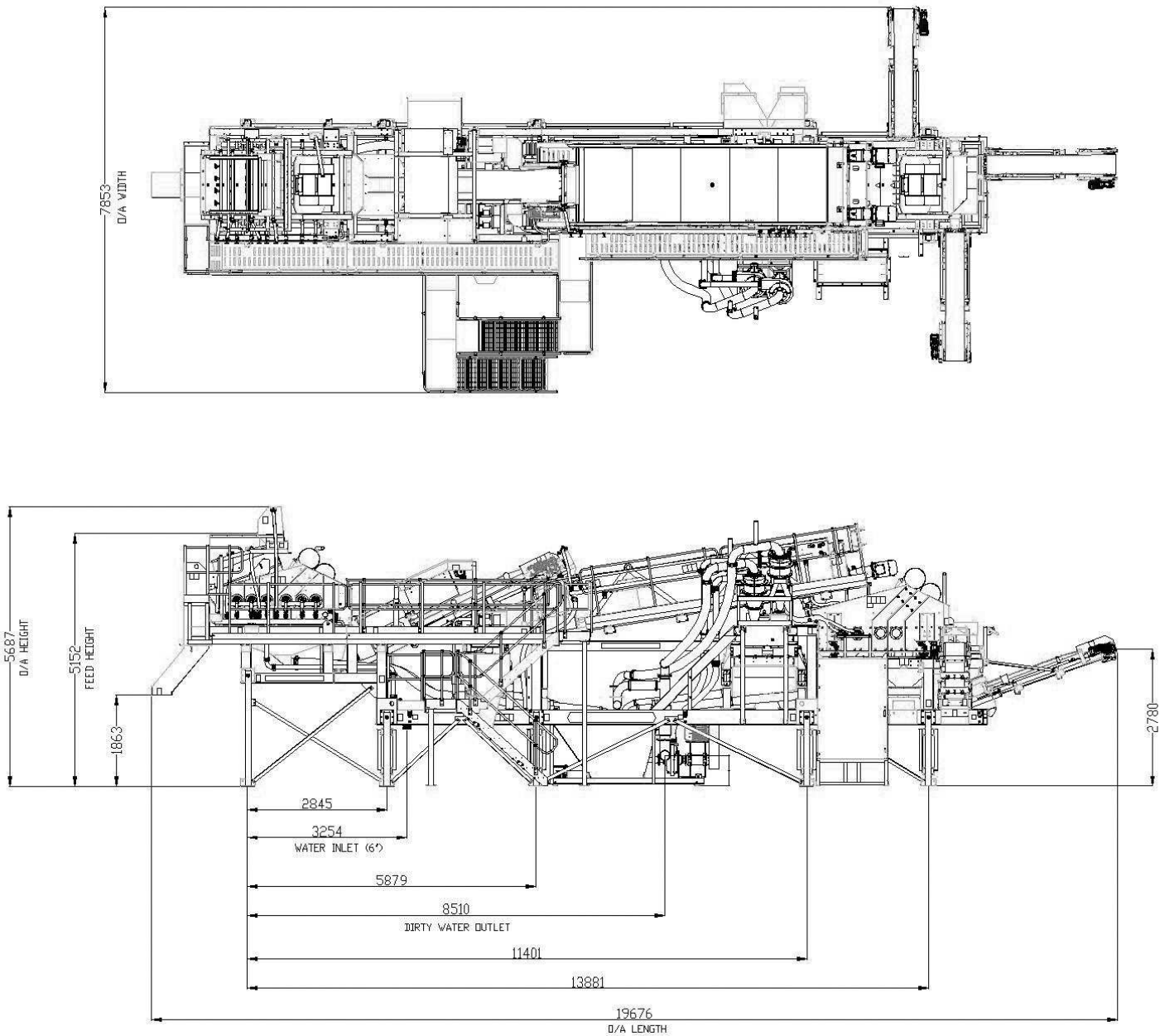


# DIMENSIONS

## AGGWASH 60-1 WORKING DIMENSIONS



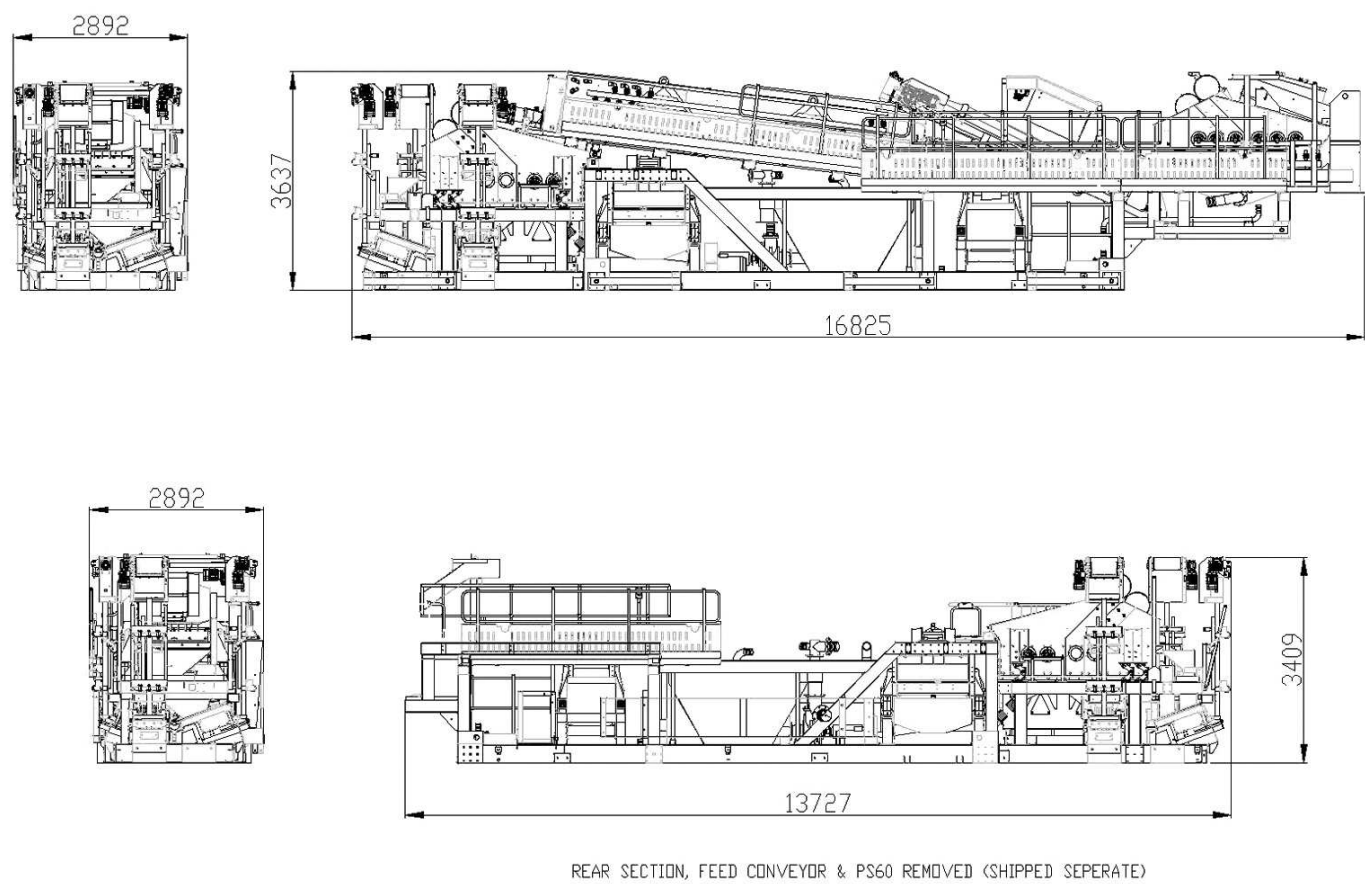
AGGWASH 60-2 WORKING DIMENSIONS



AGGWASH (WORKING DIMENSION)

LENGTH	19.6m (64' 4")
HEIGHT	5.6m (18' 5")
WIDTH	7.8m ( 25' 8")

AGGWASH 60-2 TRANSPORT DIMENSIONS



AGGWASH (TRANSPORT DIMENSIONS)

LENGTH	16.8m (55' 2")
HEIGHT	3.6m (11' 10")
WIDTH	2.8m (9' 3")



## TEREX WASHING SYSTEMS CONTACT DETAILS

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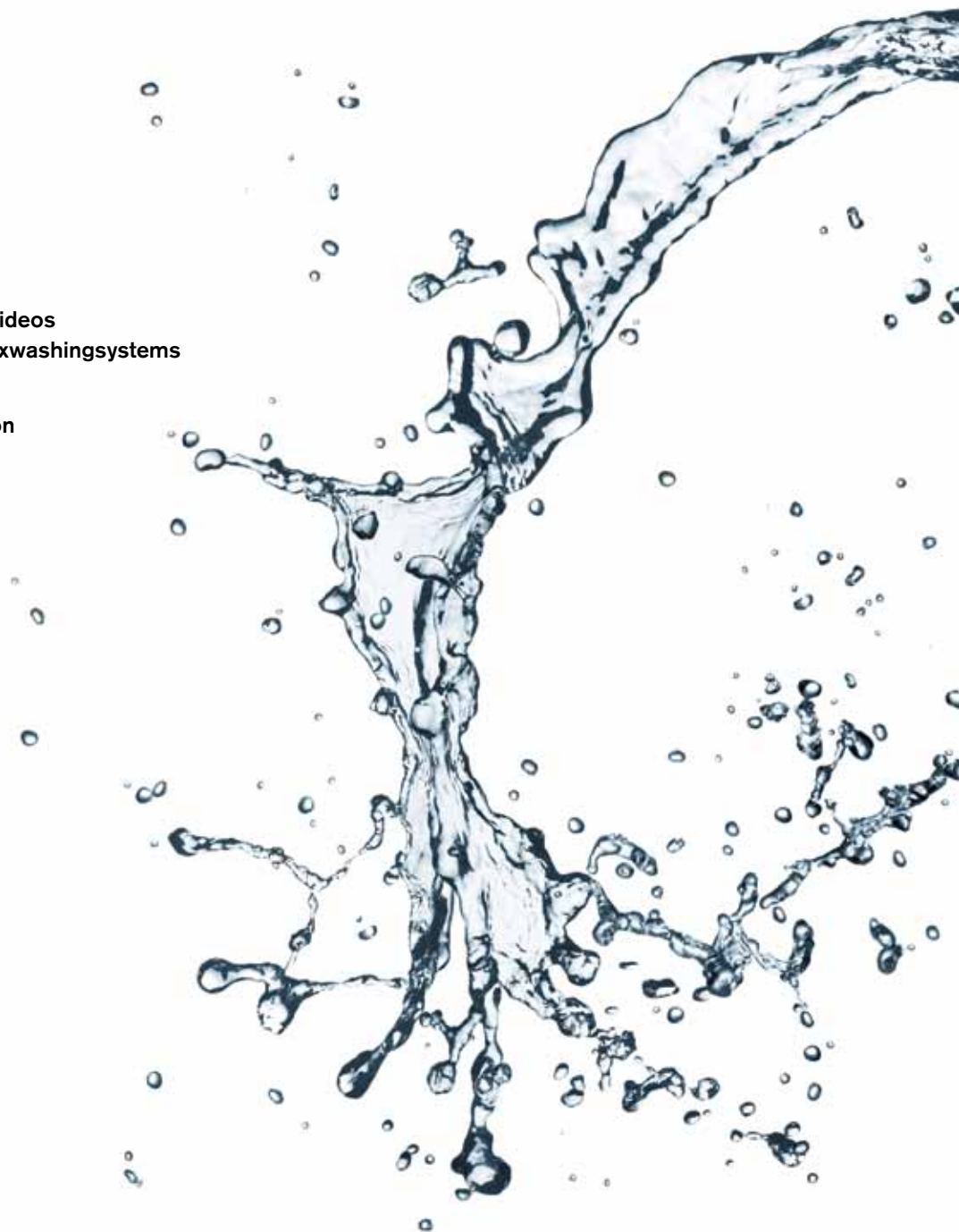
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