

BWS-200 - SPECIFICATION

The **BRUCE BWS - 200** efficiently washes and dewater sand using two stages:

1. Hydro Cyclone
2. Dewatering Screen

FEATURES & BENEFITS:

- › Fully automated electrical control panel with emergency stop
- › Self-regulating sumps with built in float system
- › Consistently dewatered sand output (typical) moisture content less than 14%
- › Foldable cyclone and support frame for easy shipping
- › Can produce one or two grades of material
- › Branded components used throughout
- › Fully modular plant
- › All critical wear parts rubber lined
- › Skid mounted frame
- › Galvanised access steps and walkways
- › Modular polyurethane screen deck
- › High performance vibratory motors
- › Hardox lined discharge chute
- › Adjustable Cyclone discharge box and mechanical diverter plate at the end of the Dewatering Screen to enable mixing of coarse and fines products (twin product machines)



BWS-200 - COMPONENT SPECIFICATIONS (STANDARD MACHINE)

HYDRO CYCLONE

Type & Size: 2No. 660mm (26") Extended Body Rubber Lined Linatex G4 Cyclones

Accessories: Abrasion resistant mining grade transfer hose (pump to cyclone). Pressure gauge

PUMP

Type & Size: 1No. Linatex MKIII R - Linapump - 250/200 (10"/8") - 55kW motor

Combined Flow Rate for Pump and Cyclone: 300m³/hr Max (for typical applications)

DEWATERING SCREEN

No. of Decks: Single deck

Size: 4200mm x 1800mm (14' x 6')

Screening Area: 7.6m²

Media: Polyurethane screening module system

Typical Screen Aperture: 0.5mm x 17mm slotted. Other apertures available to suit specific application.

Power: 2No. 7.6kW vibratory motors

Pitch: 3° incline

Mounts: Mounted on compression springs

Side Wall Protection: Polyurethane

Screen Break: Soft-stop control system

PUMP - CYCLONE COMBINATIONS

› **Option 1:** 2No 26" cyclones & 1No 10/8 pump (Standard Machine)



BWS-200 - TECHNICAL INFORMATION

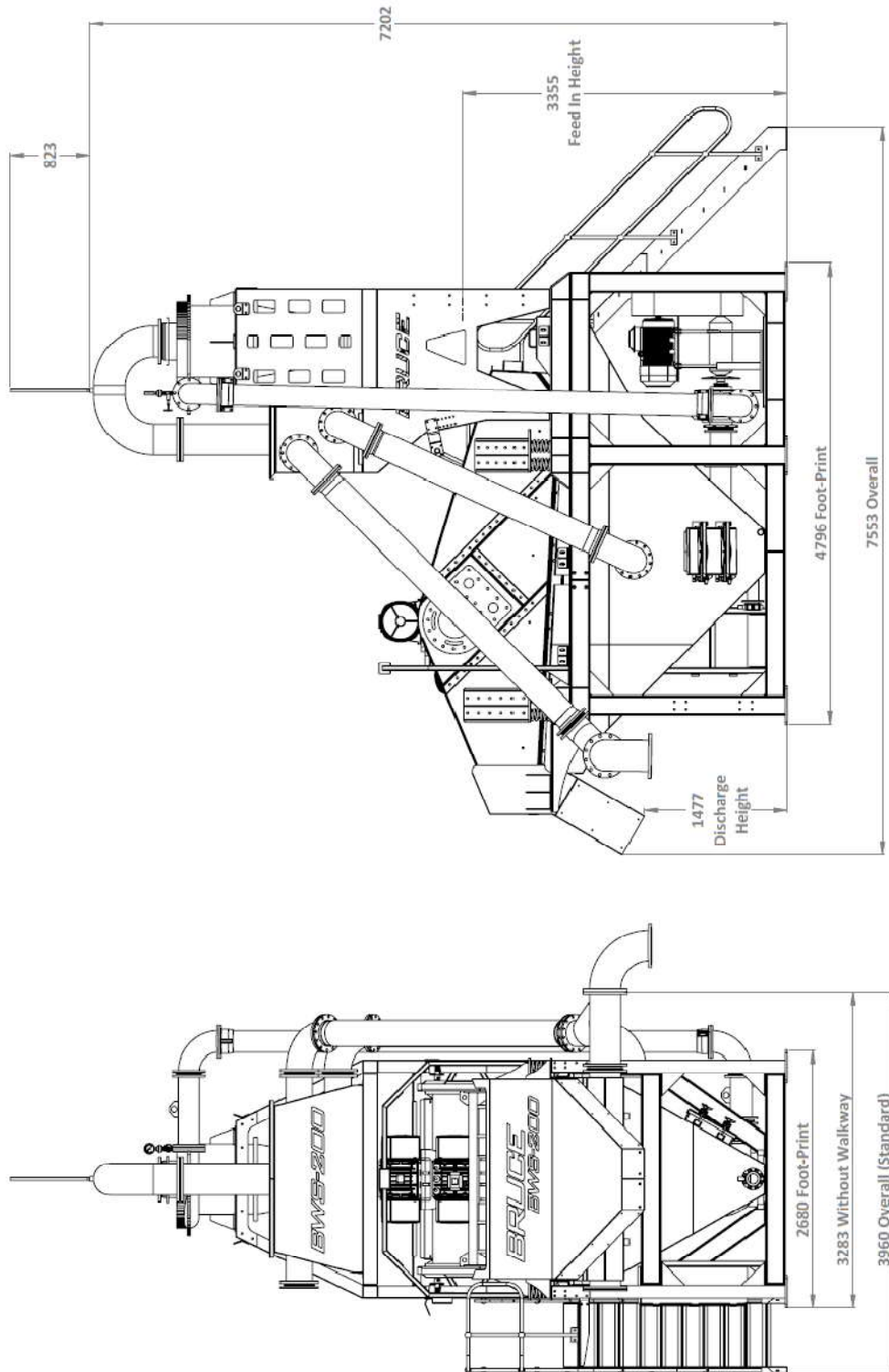
Working Length:	7.6m
Working Height:	7.3m
Working Width (with walkway & steps)	4.40m
Working Width (without walkway)	3.3m
Feed Height:	3.4m
Discharge Height:	1.5m
Total Weight:	7 Ton
Power Requirement:	71 kW
Flow Rate:	580m³/h
Transport:	1 x 40' HC Container

OPTIONS:

- › Spray Bars on Dewatering Screen
- › Boiler Box for Dry Feed Application
- › Stockpile Conveyors



BWS-200 - DRAWINGS



BWS - INFOGRAPHIC

