

SCREENBOX RANGE



FEATURES

- Incorporates screenbox, chute, walkway and support structure
- Designed for maximum production efficiency in applications including sand and gravel, coal, crushed stone, slag, recycle materials, concrete, iron ore and silica glass
- All boxes are huck bolted to eliminate stress areas created by welding
- The static structure which carries the screen unit is robust, easy to assemble and includes integrated material discharge chutes
- Walkways, access steps and rolling chute system allow easy access to view production and carry out maintenance
- The range includes 2 and 3 deck screens ranging from 8 x 4 (2.4m x 1.2m) to 20 x 6 (6m x 1.8m)

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FEATURES AND BENEFITS

- Side tensioned screen box
- Spray bars spread evenly on all decks
- Plastic fan tail spray nozzles
- Galvanized walkway & handrails
- Rolling chute system
- Manual screen angle adjustment
- Electric drive
- Steps and walkways provide easy access for maintenance
- Steps can be placed at any corner of the structure
- Rolling chute allows greater access to screen mesh when changing
- Robust easy to assemble steel support structure
- Rubber lined wear parts
- Complies with all relevant essential health and safety requirements
- High pressure plastic fan tail nozzles deliver clean end product
- Huck bolted, four bearing, free floating vibrating system eliminates the need for fine tuning
- High capacity (depending on mesh size and material type)
- Low maintenance

APPLICATIONS

- Sand and gravel
- Coal
- Crushed materials
- Slag
- Recycled materials
- All forms of concrete, mortar and asphalt sand
- Iron Ore
- Lake and beach sand
- Silica glass

SPECIFICATIONS

SCREENBOX RANGE

20 X 6	3 DECK	2 DECK
SCREEN BOX SIZE	6m x 1.8m (20' x 6')	6m x 1.8m (20' x 6')
	2 BEARING	2 BEARING
WIDTH	4.71m (15' 6")	4.71m (15' 6")
LENGTH	15.3m (50' 2")	15.3m (50' 2")
HEIGHT	7.8m (25' 3")	7.36m (24' 2")
ELECTRIC MOTOR	30hp 22kW	30hp 22kW
WATER FEED PIPE	150mm (6")	150mm (6")
TOP DECK SPRAYBARS	10 off	10 off
MIDDLE DECK SPRAYBARS	8 off	N/A
BOTTOM DECK SPRAYBARS	8 off	8 off
WASTE WATER DISCHARGE	2.34m (7' 6")	2.34m (7' 6")
PRODUCT DISCHARGE HEIGHT	1.63m (5' 4")	1.63m (5' 4")

16 X 5	3 DECK	2 DECK
SCREEN BOX SIZE	4.9m x 1.5m (16' x 5')	4.9m x 1.5m (16' x 5')
	2 BEARING	4 BEARING
WIDTH	4.01m (13' 1")	4.01m (13' 1")
LENGTH	13.3m (43' 6")	13.3m (43' 6")
HEIGHT	7.1m (23' 3")	6.7m (22'-0")
ELECTRIC MOTOR	20hp 15kW	20hp 15kW
WATER FEED PIPE	150mm (6")	150mm (6")
TOP DECK SPRAYBARS	8 off	8 off
MIDDLE DECK SPRAYBARS	8 off	N/A
BOTTOM DECK SPRAYBARS	8 off	8 off
WASTE WATER DISCHARGE	2.75m (8' 5")	2.75m (8' 5")
PRODUCT DISCHARGE HEIGHT	1.85m (6' 1")	1.85m (6' 1")

12 X 5	3 DECK	2 DECK
SCREEN BOX SIZE	3.7m x 1.5m (12' x 5')	3.7m x 1.5m (12' x 5')
	2 BEARING	4 BEARING
WIDTH	4.07m (13' 5")	4.07m (13' 5")
LENGTH	11.3m (37' 1")	11.3m (37' 1")
HEIGHT	7.04m (23' 1")	6.3m (20' 8")
ELECTRIC MOTOR	20hp 15kw	13hp 10kw
WATER FEED PIPE	150mm (6")	150mm (6")
TOP DECK SPRAYBARS	6 off	6 off
MIDDLE DECK SPRAYBARS	6 off	N/A
BOTTOM DECK SPRAYBARS	6 off	6 off
WASTE WATER DISCHARGE	2.8m (9' 2")	2.8m (9' 2")
PRODUCT DISCHARGE HEIGHT	2.1m (6' 9")	2.1m (6' 9")

8 X 4**2 & 3 DECK**

SCREEN BOX SIZE	2.4m x 1.2m (8' x 4')
	4 BEARING
WIDTH	4.02m (13' 2")
LENGTH	10.9m (35' 8")
HEIGHT	5.99m (19' 8")
ELECTRIC MOTOR	7.5hp 5kW
WATER FEED PIPE	100mm (4")
TOP DECK SPRAYBARS	5 off
BOTTOM DECK SPRAYBARS	5 off
WASTE WATER DISCHARGE	2.85m (9' 4")
PRODUCT DISCHARGE HEIGHT	2.1m (6' 9")

SCREENBOX APPROXIMATE WEIGHT

	3 DECK	2 DECK	STRUCTURE
8X4	3750kg (8260lbs)	3250kg (7165lbs)	3800kg (8377lbs)
12X5	5250kg (11574lbs)	4500kg (9920lbs)	5200kg (11464lbs)
16X5	8000kg (17636lbs)	7250kg (15983lbs)	7200kg (15873lbs)
20X6	10000kg (22046lbs)	9250kg (20392lbs)	9800kg (21605lbs)

OPTIONS

- 3 deck variant
- Dry, rinser & part rinser
- Level frame
- Modular polyurethane decks
- Rubber side tensioned mesh
- Aluback wear plate in wash box
- 10" Sand slurry pipes
- Rubber lined catch box and division plates
- Rubber lined transfer box
- Adjustable division plates
- Hydraulic drive (on certain models)
- Brass or plastic nozzles
- Height extensions to feed powerscrub and finesmaster ranges
- Flipper plates in the rolling chute. Permitting blending of material grades



SCREEN

Side tensioned huckbolted screen box

Spray bars spread evenly on all decks

Plastic fan tail spray nozzles

Electric drive

Mesh, rubber decks or polyurethane available



Huck bolted screenbox



Side tensioned screenbox
(Quick release wedges optional)



Heavy duty springs



Polyurethane decks or mesh available



High pressure spraybars with plastic nozzles

STRUCTURE

Modular quick erect structure

Galvanized handrails

Rolling chute system

Manual screen angle adjustment

Non slip flowforge panels used for walkways

Manifold with ball valves and heavy duty rubber hosing attached to structure

Washbox with integrated spraybar



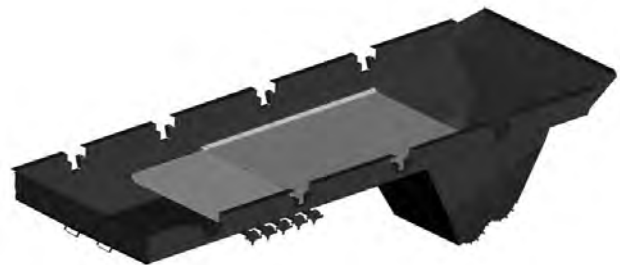
Integrated manifold with
ball valve and high pressure
rubber hosing



Roll in chute for transfer of material
from screen to chutes, and ease of
access for mesh



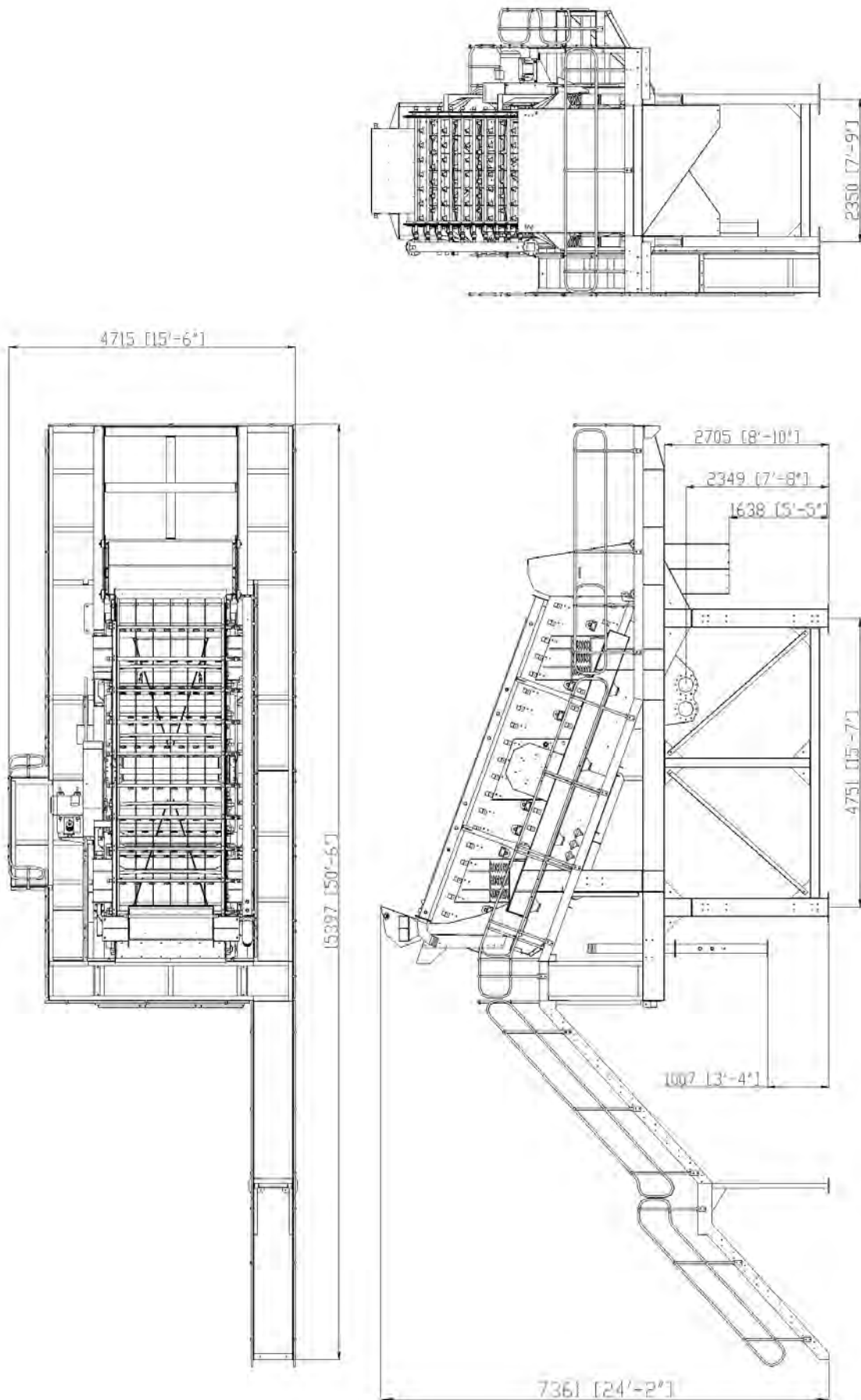
Bolt up structure with galvanized
walkways and handrails



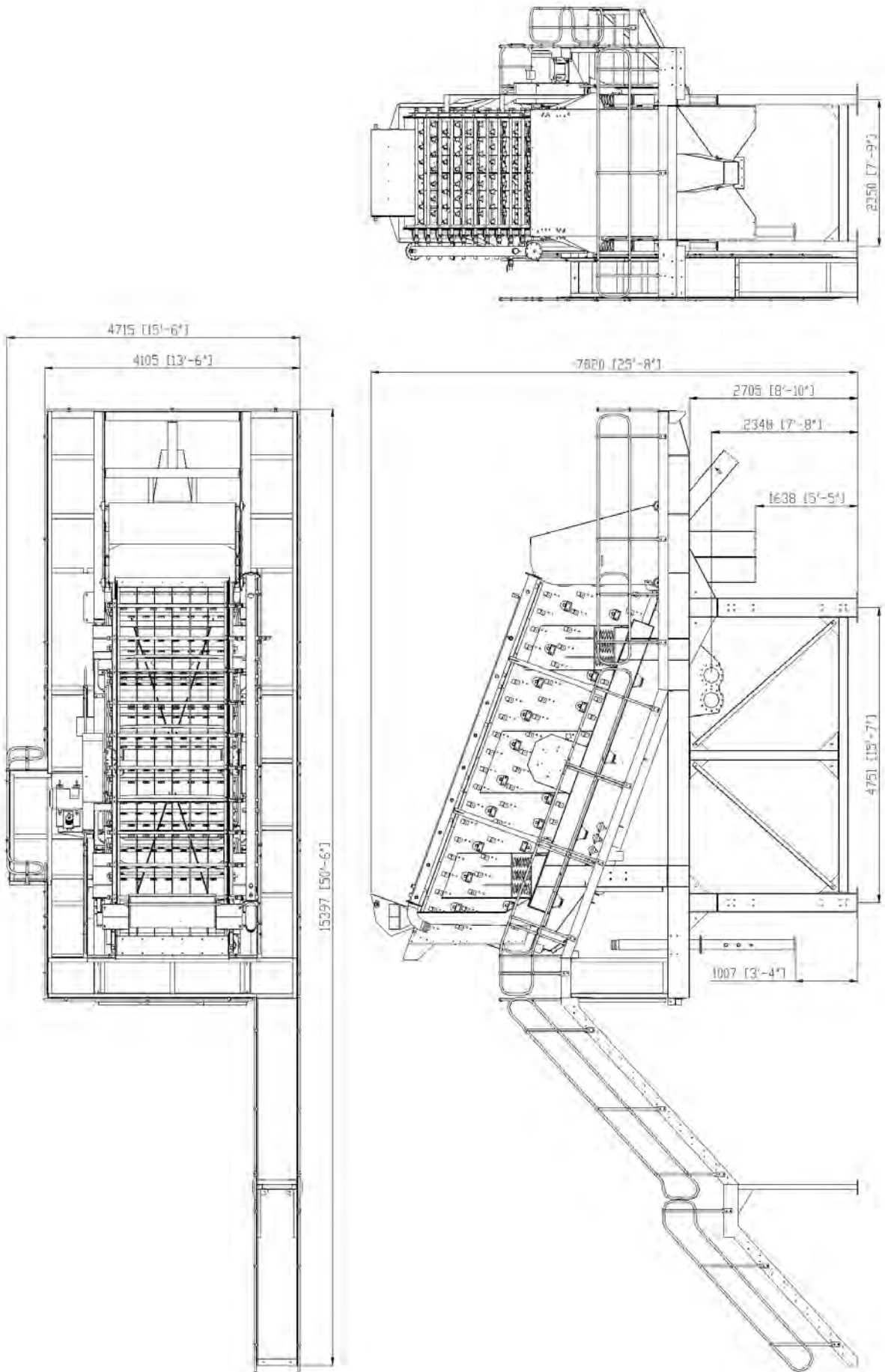
Catchbox.
Adjustable division plates (yellow) & rubber lining optional

DIMENSIONS

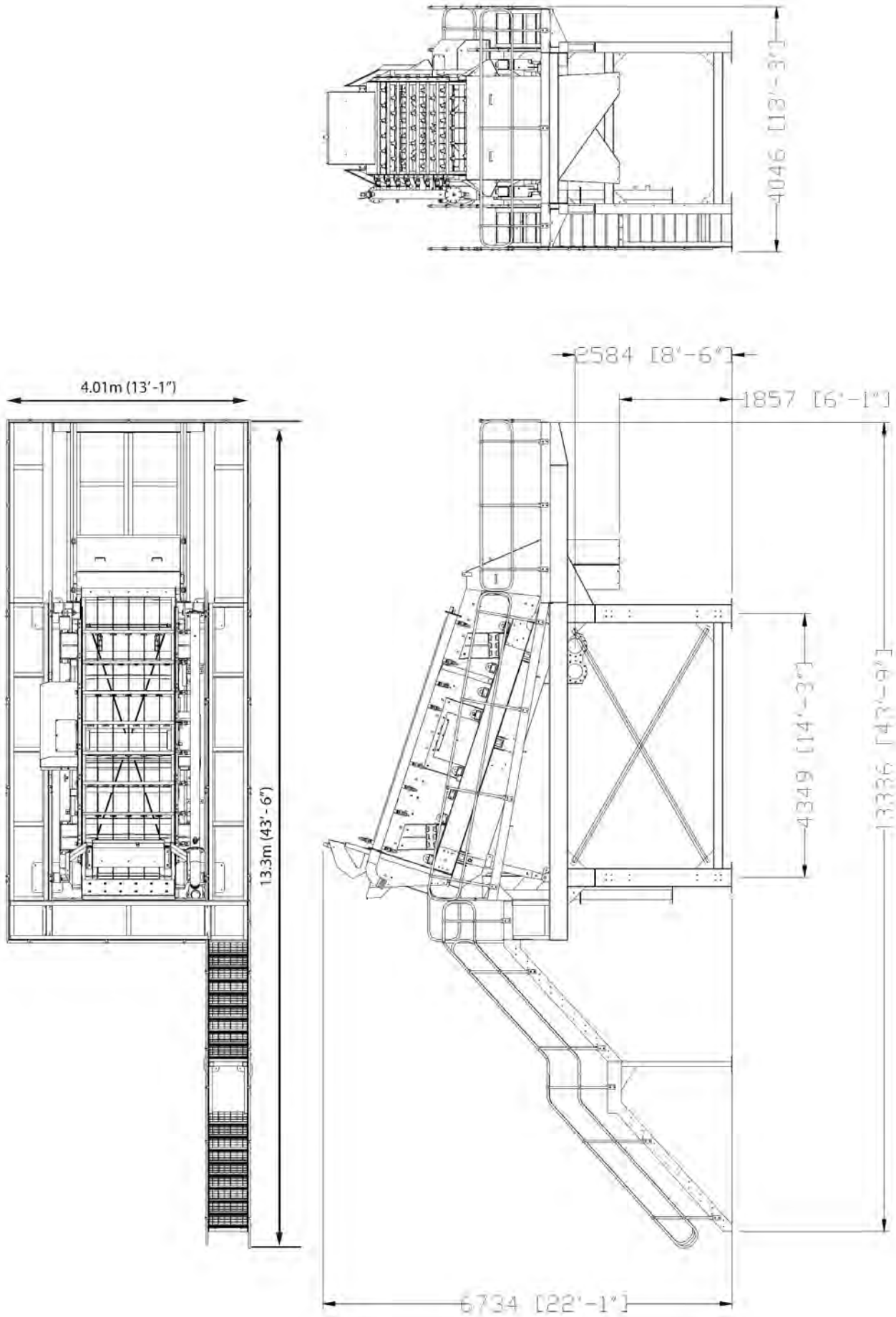
20 X 6 2 DECK WITH STANDARD STRUCTURE



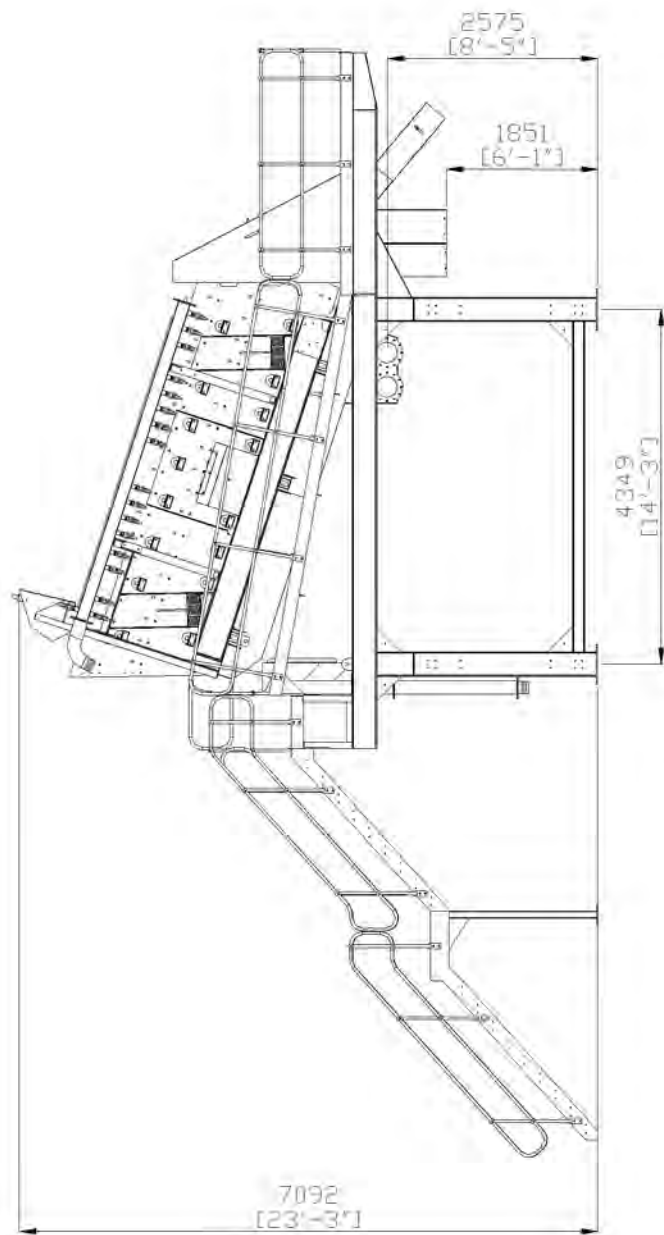
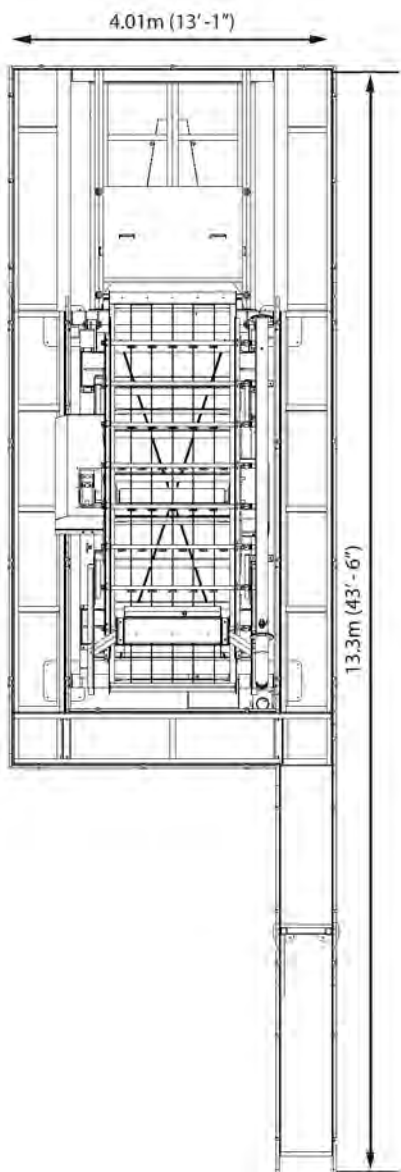
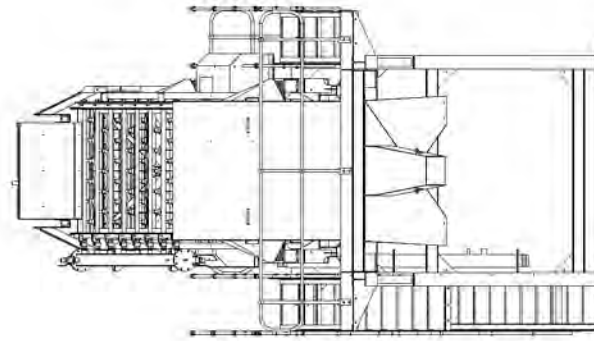
20 X 6 3 DECK WITH STANDARD STRUCTURE



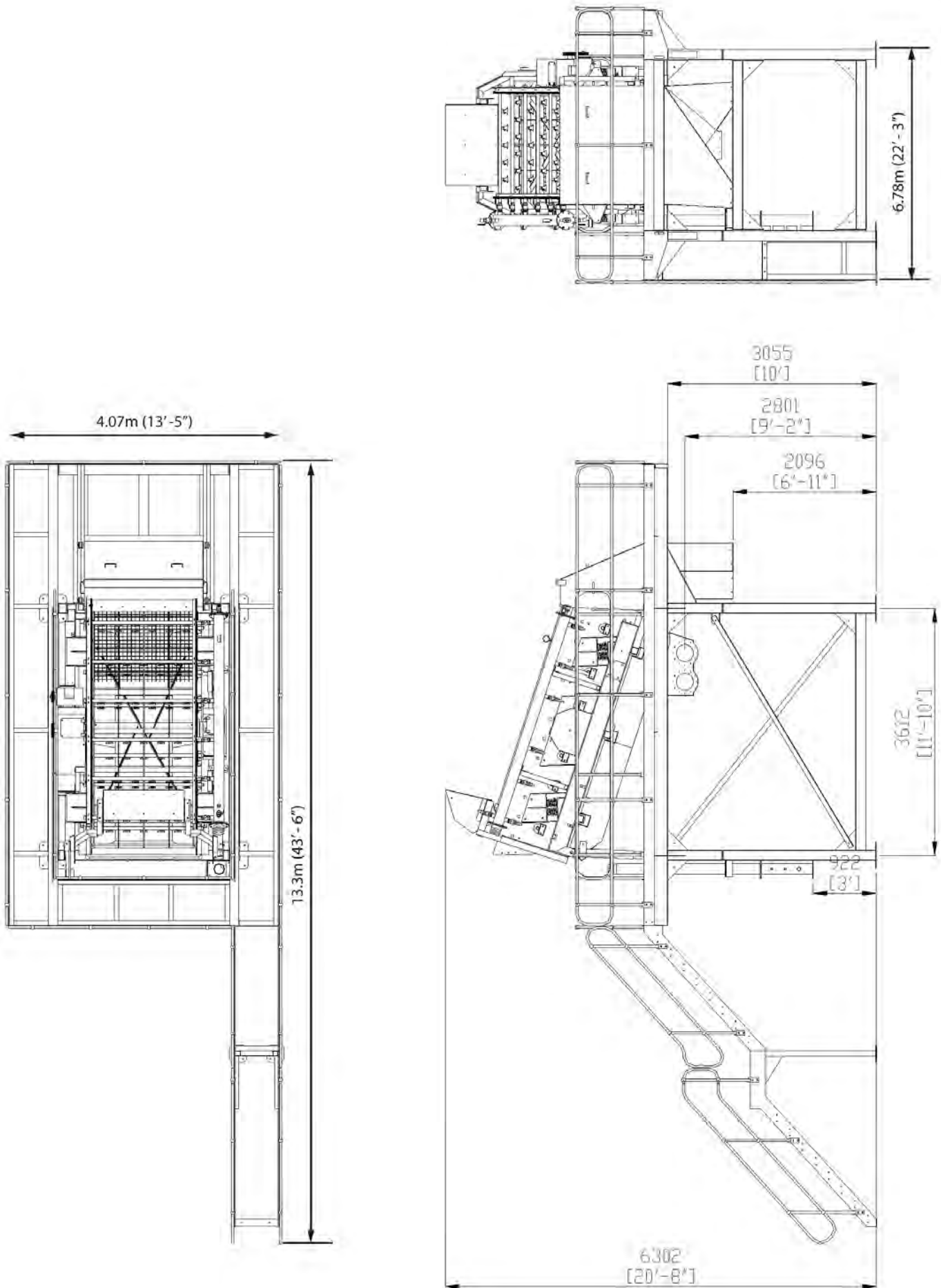
16 X 5 2 DECK WITH STANDARD STRUCTURE



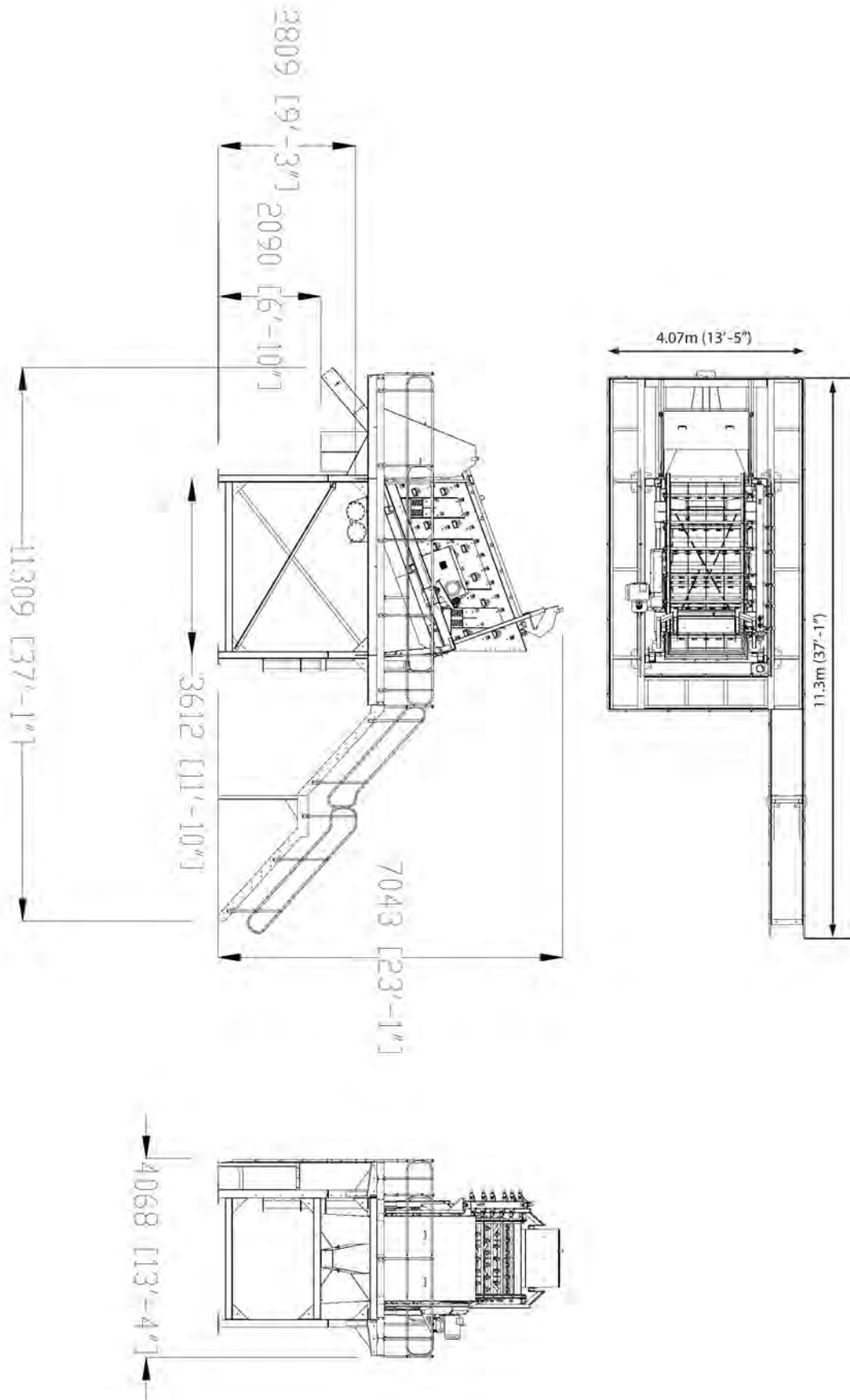
16 X 5 3 DECK WITH STANDARD STRUCTURE



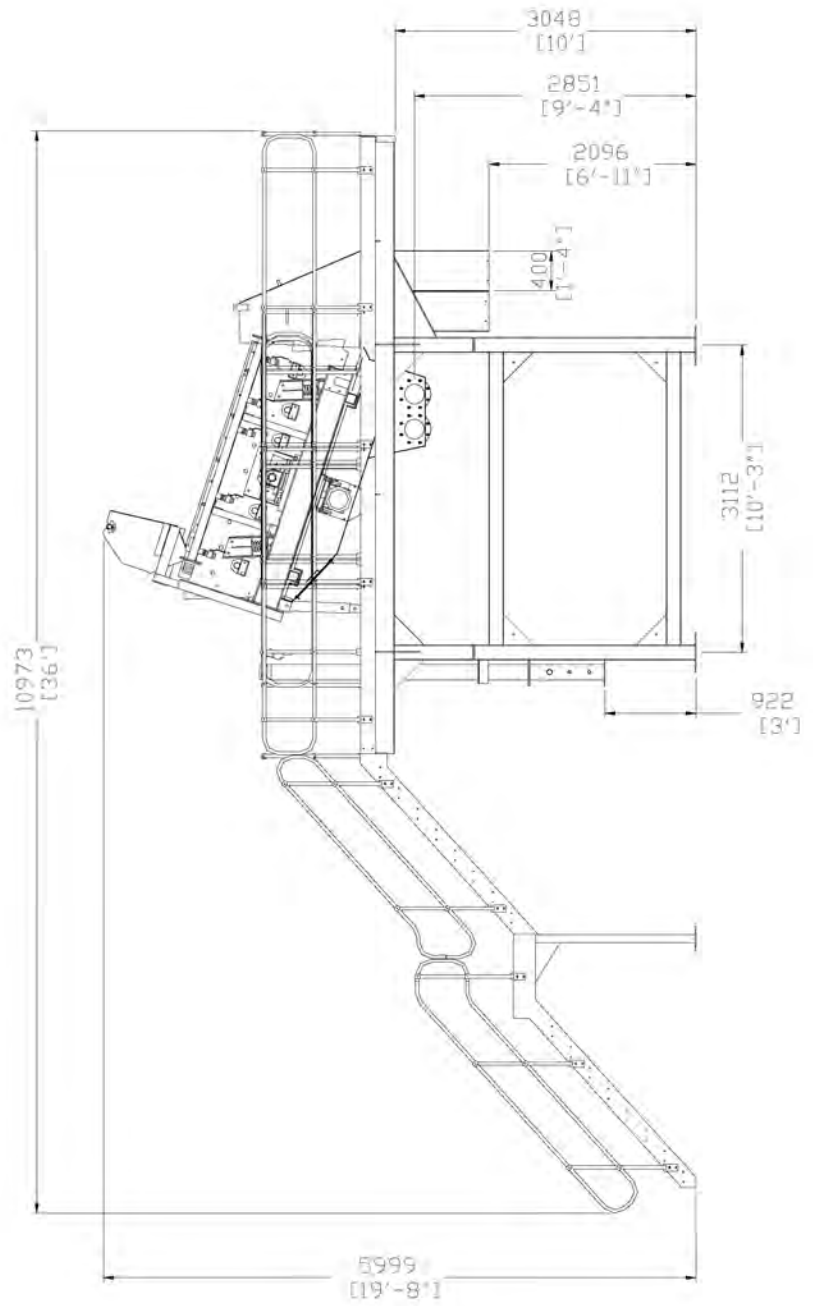
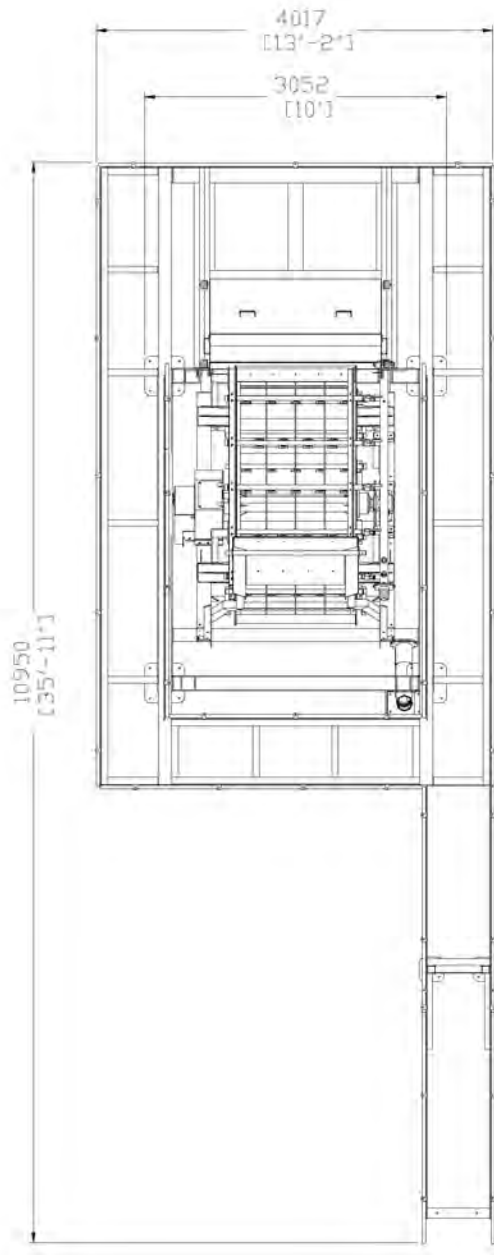
12 X 5 2 DECK WITH STANDARD STRUCTURE



12 X 5 3 DECK WITH STANDARD STRUCTURE



8 X 4 2 DECK WITH STANDARD STRUCTURE



TEREX WASHING SYSTEMS CONTACT DETAILS

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