

Spiral Launder Systems



Overview

Mineral Technologies offer two main laundering systems for their spiral banks:

1. Engaged Launderers:

This is where the spiral discharge material exits directly into a compartmented launder system without the need for hoses between the product box and the launder. This offers a compact launder without the requirement for hoses into the launders. One launder set per row of spirals is required.

2. Non Engaged Launderers:

This is where the launders are mounted below the spiral frame, thus hoses are used between the product box and the launders. This allows for more centrally located launder arrangement and both rows of spirals can use the same launder(s). This allows for a more flexible approach if a decision is made to combine, for example, the middlings with the tailings as the hoses can be moved to suit.

Construction

The highly wear resistant, polyurethane inner skin coupled with a glass reinforced plastic outer provides an excellent robust product is available for both the engaged and non-engaged versions. The non-engaged launders also have a fabricated steel option with rubber lining to the internal surfaces. Mounting brackets and fasteners supplied with stainless steel and/or hot dip galvanised finish as standard.

Launderers can have the option of extra heavy duty polyurethane wear liners fitted.

Design Data (Engaged Launderers)

Max. length (engaged launder): 4800mm
(suits up to most spiral banks of 12)

Outlet Type:

- Straight with external bead (glass reinforced plastic models),
- Optional rubber lined flanged adaptors available.

Construction:

- PU lined GRP shell (standard)

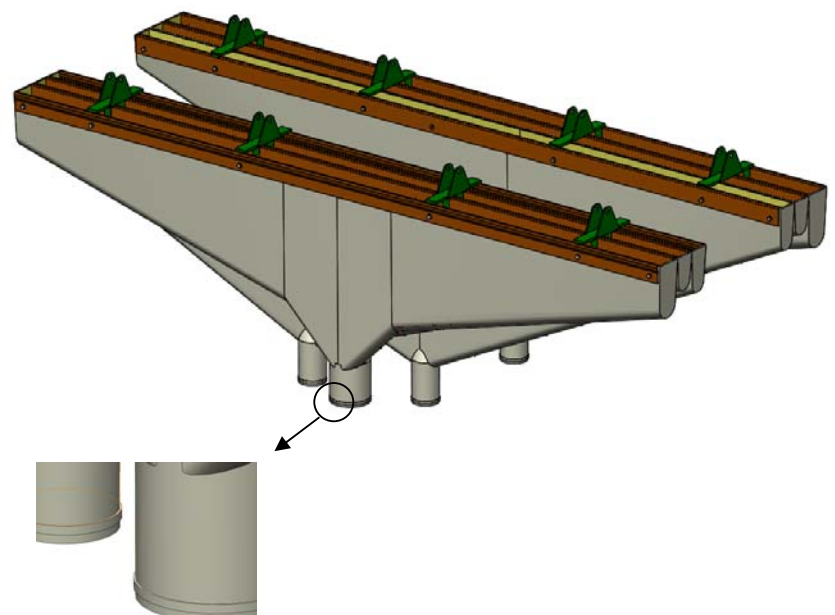
Mounting Method:

- Brackets with cheek plates and pin bolt(s)

Launderers available:

- with 3 product outlets (per row)
- with 4 product outlets (per row)
- some combined products also available

(See specific arrangement drawing for more dimensional details)



Outlet enlarged to show bead

Design Data (Non Engaged Launderers)

Standard length range: Refer table below

Outlet Type:

- Straight with external bead (glass reinforced plastic models),
- Integral flanged outlets available with steel rubber lined launders (to be nominated at time of order)

Construction:

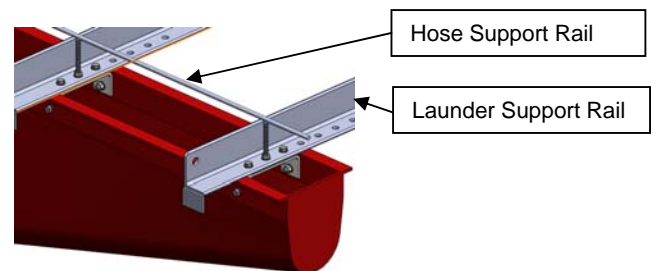
- PU lined GRP shell (standard)
- Steel rubber lined option available.

Mounting Method:

- Direct bolted connection to cross rails (supplied when ordered with spiral bank(s)).

Launderers available:

- Up to 4 product outlets can be fitted below standard MT frames.



Non engaged launders (standard sizing):

Launder Length (mm)	No. of Brackets	Standard Outlet Sizes (O.D.)	Liner Kit Part No.	Hose Support Rail Part No.
1250	2	91/110/116	232442	231695
1800	3	110/116/160/166	232441	231694
2520	4	110/116/160/166/215	232445	231693
3870	6	110/116/160/166/215	232444	231692

(See specific arrangement drawing for more dimensional details)

Note:

Mineral Technologies reserves the right to alter specifications without prior notice.
For Certified Drawings suitable for Engineering Design purposes please refer to Mineral Technologies