



# LD7 Spiral Separator

## Features

- Improved tramp oversize handling
- Enhanced reject carrying capacity
- Calibrated auxiliary reject slide splitter at the end of turn 2
- Decreased height for easy retrofits
- Replaceable cast polyurethane feed box insert for extended product life
- Highly wear resistant polyurethane on all operating surfaces
- Splitter position indicators to enable reproducible location of product splitters and consistency of settings across a bank of spiral separators

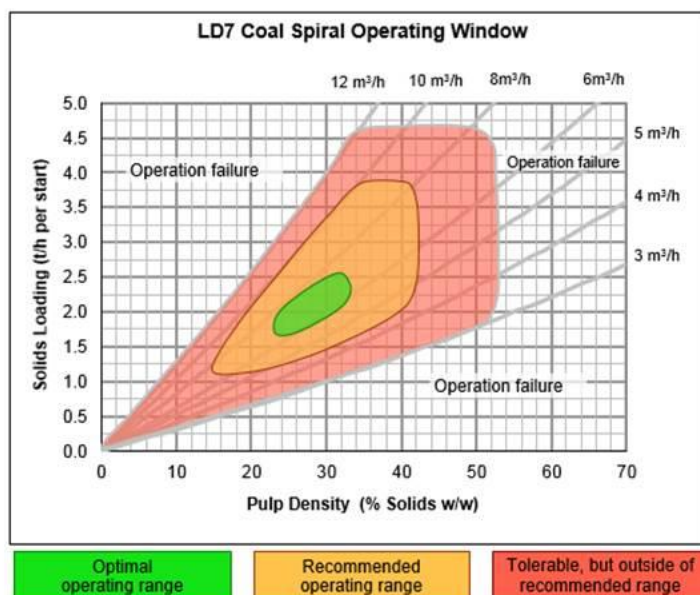
## Design Data

### Head Feed (per start)

Capacity:	Up to 4.0 t/h per start (optimal separation 1.5 – 2.5 t/h)
Pulp Density:	20 – 40% solids, typically 30 – 35% solids
Size Range:	0.1 – 1.5mm (ideally 0.2 – 1.0mm)
Pulp Volume:	Optimal performance 6.0 – 8.0 m <sup>3</sup> /hr (with capacity up to 10.0 m <sup>3</sup> /hr)

## Application

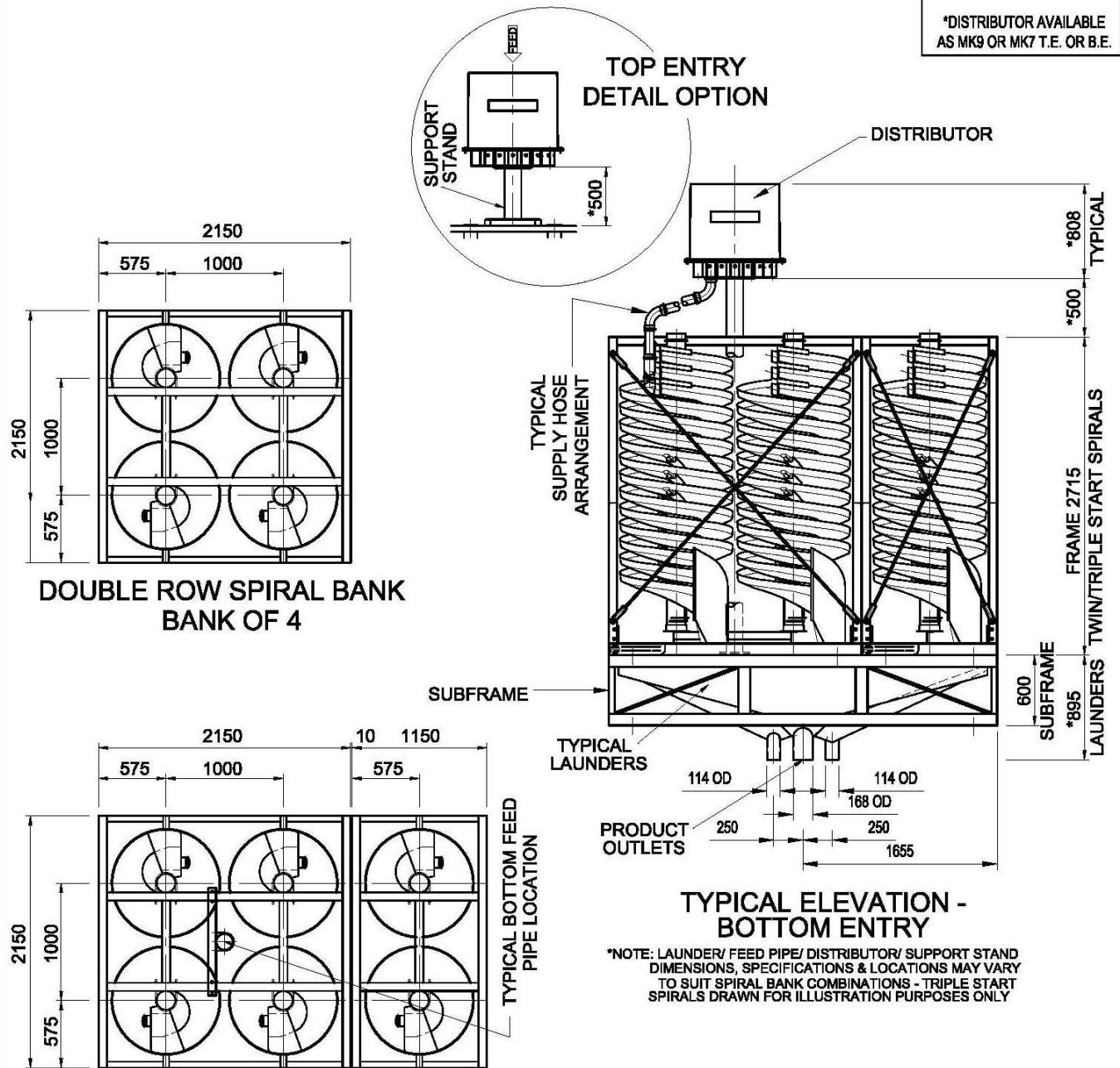
- Processing of fine raw coal
- Flotation or wash water cyclone tailings coal recovery
- Deslimed tailings dam fine coal recovery
- Separation of pumice and sand



- Single Stage R.D. Cutpoint Range 0.10 – 0.25 (size dependent)
- Single stage Ep ranges: 1.55 – 2.00 (size dependent)

# LD7 - 4 TURN SPIRALS

\*SPIRAL AVAILABLE IN SINGLE / TWIN / TRIPLE CONFIGURATIONS  
\*DISTRIBUTOR AVAILABLE AS MK9 OR MK7 T.E. OR B.E.



\*NOTE: LAUNDER/ FEED PIPE/ DISTRIBUTOR/ SUPPORT STAND DIMENSIONS, SPECIFICATIONS & LOCATIONS MAY VARY TO SUIT SPIRAL BANK COMBINATIONS - TRIPLE START SPIRALS DRAWN FOR ILLUSTRATION PURPOSES ONLY

ESTIMATED MASS (tonnes)					
SPIRAL BANK	4x2	6x2	8x2	10x2	12x2
TWIN START	1.05	1.45	2.05	2.50	2.90
TRIPLE START	1.17	1.65	2.30	2.90	3.30
FOR CERTIFIED DRAWINGS SUITABLE FOR ENGINEERING DESIGN PURPOSES PLEASE REFER TO MINERAL TECHNOLOGIES					

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