



# SRI VIVEGHA ENGINEERING PVT LTD.

HOUSE OF FOUNDRY TOOLINGS

## DEGATING CENTRE ( ONLINE )



METAL CONVEYOR



BIRAIL SYSTEM ( BRT )



BIRAIL SYSTEM ( JBR )

## DEGATING CENTRE ( ONLINE)

Vivegha an innovative company is manufacturing the DEGATING CENTRE ( ONLINE), a UNIQUE model , to work under TIME DEFINED, FIRST IN and FIRST OUT CONCEPT in the degating operations. Here the castings are separated from the Bunches, and the Runners are broken in to small pieces while those are in moving on the APRON METAL CONVEYOR, with in the time limit. It is a Horizontal Conveyor and Length of 10 mtr. Also it can be manufactured according to the customer specifications and requirements. The Conveyor speed is adjustable (OPTIONAL) to co-ordinate the MOULDING OUTPUT and SHOT BLASTING CYCLE TIME. The degating operations can be done before / after shot blasting operations.

The DEGATING MACHINES are hanged in a BIRAIL SYSTEM and one machine can be slided maximum to the Length 2.50mtr. x Cross 1.5mtr x Height 1.50mtr in a single station. The Degating Centres are categorised according to the stations. The number of stations can be extended from 1 to 'n' and the extensions can be done at any time.

MODEL	No. of Stations	No. of Machines	Length (Mtr)	Width (Mtr)	Height (Mtr)
DC 0101	1	1	2.5	1.60	4.50
DC 0102	1	2	2.5	1.60	4.50
DC 0202	2	2	5.0	1.60	4.50
DC 0204	2	4	5.0	1.60	4.50
DC 0303	3	3	7.5	1.60	4.50
DC 0306	3	6	7.5	1.60	3.60

## APRON METAL CONVEYOR

The APRON METAL CONVEYORS are designed to meet the requirements to transport the Rough Casting Bunches. The Pan is designed to withstand the heat and heavy impact loads. The Pans are welded with the Wing Plates and fastened with the Chain. These conveyors can be manufactured in horizontal and inclined styles depends upon the customer requirements.



## BIRAIL SYSTEM (JBR)

The Birail System JBR is designed to hang the DEGATING MACHINES to separate the heavy castings and bunches on the floor. The JBR can be used for OFFLINE and ONLINE DEGATING too. The JBR swings in the half round to cover 1.5mtr. radius. As the powerpack is placed on the JBR stand to balance the weight of the machine overhanged, there is no need of foundation work.



## BIRAIL SYSTEM ( BRT )

It is mainly designed for ONLINE DEGATING and 3models are available. In a station maximum 2 degating machine can be hanged.. The Hydraulic Powerpacks can be placed on the Top of the Platform and the hand rails are provided for safety menpower works. There is enough space in the top of BRT to handle the maintainance activities.

MODEL	No. of Stations	No. of BiRails (Max)	Length (Mtr)	Width (Mtr)	Height (Mtr)
BRT 2516	1	2	2.5	1.60	3.60
BRT 5016	2	4	2.5	1.60	3.60
BRT 7516	3	6	2.5	1.60	3.60



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