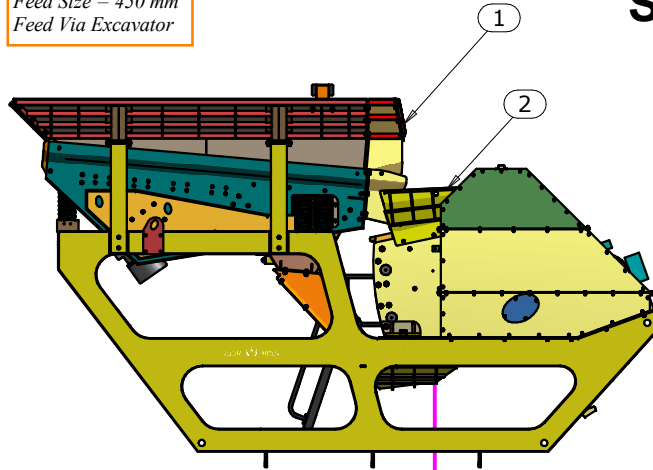


75 TPH STATIONARY 2-STAGE CRUSHING & SCREENING PLANT

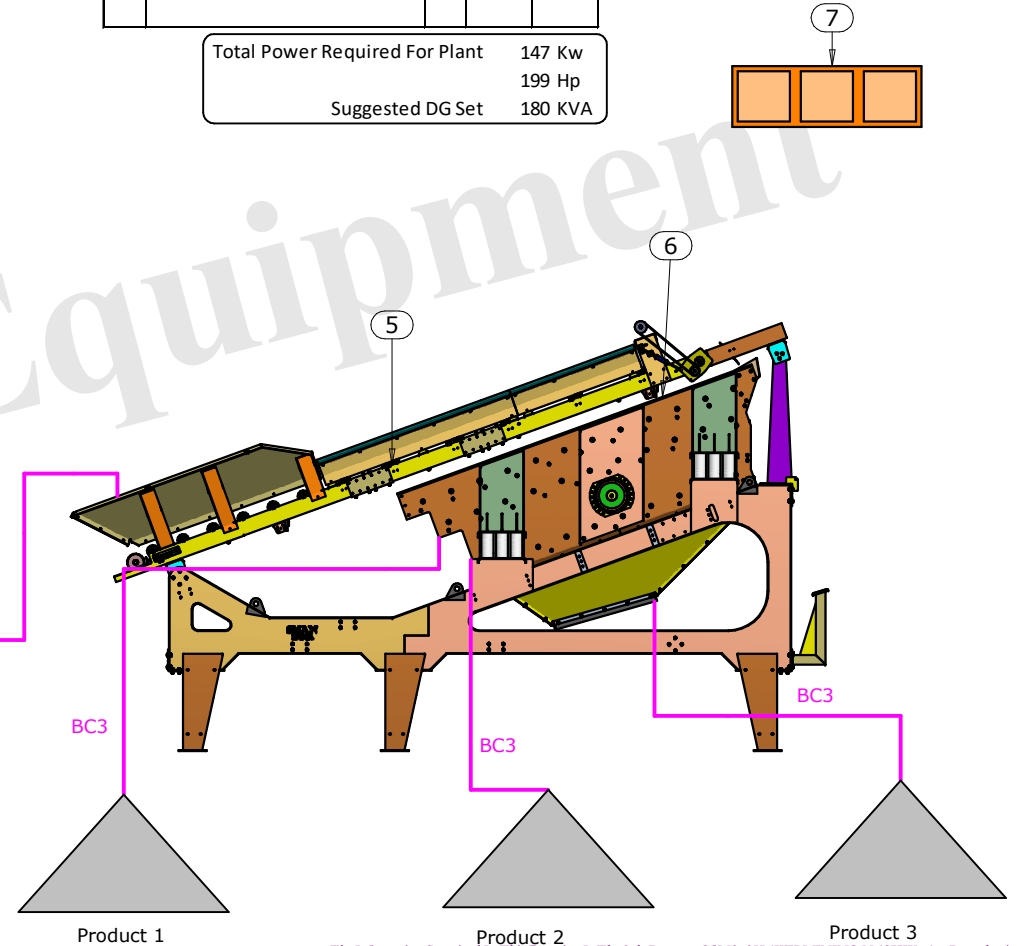
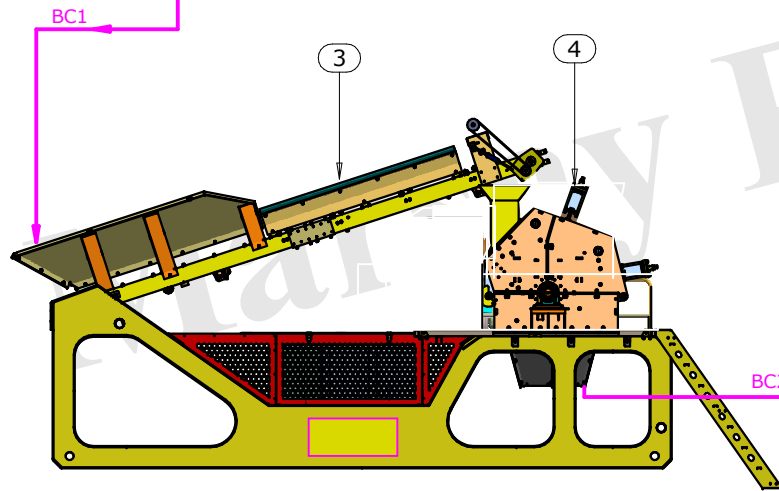
Feed Size = 450 mm
Feed Via Excavator



Sr. No.	Description	Qty	Power Kw	Total Power Kw
1	Feeder 1 x 3 Mtr.	1	7.4	7.4
2	Primary Jaw Crusher 30"x 20"	1	37	37
3	Belt Feeder	1	5.5	5.5
4	HSI-50	1	56	56
5	Belt Feeder	1	5.5	5.5
6	Vibratory Screen 16'x5'x3 Deck	1	11	11
7	Electric Control Panel	1	Nil	Nil
BC1	Conv 750 mm x 12 Mtr.	1	5.5	5.5
BC2	Conv 750 mm x 12 Mtr.	1	5.5	5.5
BC3	Conveyor 600 mm x 15 Mtr.	3	3.6	10.8

Total Power Required For Plant 147 Kw
199 Hp
Suggested DG Set 180 KVA

Assumed Feed To Plant
Feed Rate: 75 TPH
Bulk Density: 1.6 T/Cu.Mtr.
Material Type: Basalt
Feed Curve: See Catalogue
Moister Content: 1% by weight
Contamination: Dust & Clay Free



± 10 % Depends on Material Density, Moister Contenets,
Output Gradation, Variation in Feed
Material Flow in ±15%
As the shape of end product can only be controlled on 3rd stage
ie. Vertical Shaft Impactor. In two stage plant the shape cannot
be guaranteed.

Product 2

Product 3

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Material:

Qty:

Treatment:

All Dimensions are in mm

Revision 0

Drawn by

Date 23.07.2024

Checked by CPB

Approved by CPB

Scale N.T.S.

MS MARSAY EQUIPMENT CC

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TITLE : 75 TPH STATIONARY 2-STAGE CRUSHING & SCREENING PLANT

DRG. No. : ML0003

Edition 0

Sheet 1 of 1