

100 TPH SAND WASHING PLANT

Sr. No.	Description	Qty	Power	Total Power
			Kw	Kw
1	Surge Bin 25 Cu.Mtr.	1	Nil	Nil
2	Feeder 0.8 x 2.2 Mtr.	1	3.6	3.6
3	Sand Washing SWD	1	30	30
4	Electric Control Panel	1	Nil	Nil
BC1	Conv 750 mm x 18 Mtr.	1	5.5	5.5
BC2	Conveyor 600 mm x 15 Mtr.	2	3.6	7.2

Total Power Required For Plant

49 Kw

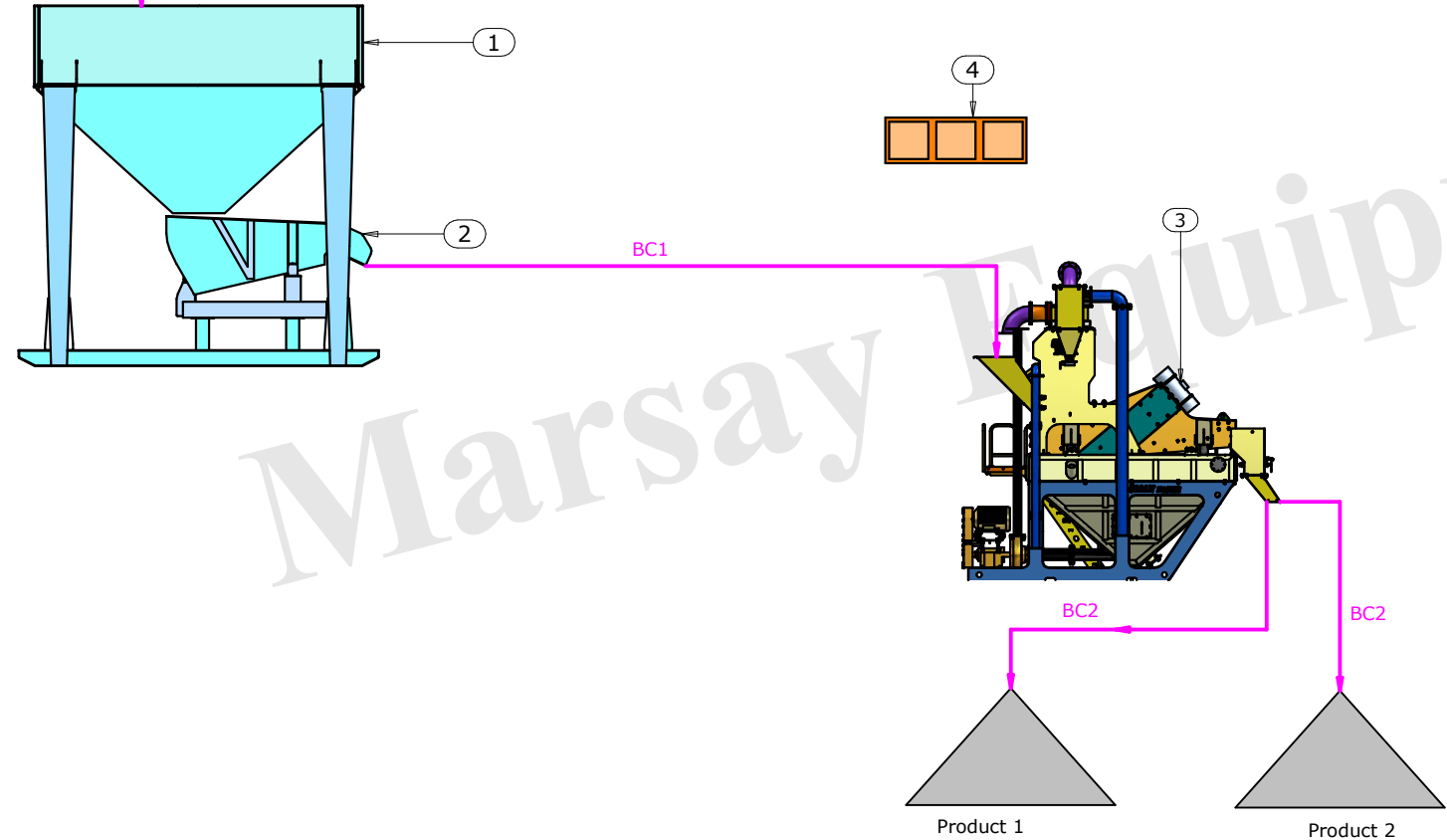
67 Hp

Suggested DG Set

60 KVA

Assumed Feed To Plant
Feed Rate: 100 TPH
Bulk Density: 1.6 T/Cu.Mtr.
Material Type: Basalt
Feed Curve: See Catalogue
Moister Content: 1% by weight
Contamination: Dust & Clay Free

Feed Material From
External Conveyor



± 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.

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Material:	Qty:	Treatment:	All Dimensions are in mm
Revision 0	Drawn by	Date 24.07.2024	Checked by CPB
MS MARSAY EQUIPMENT CC		TITLE : 100 TPH SAND WASHING PLANT	
PO BOX 92, PINEGOWRIE, 2123, SOUTH AFRICA		DRG. No. : ML0011	
E-mail: michael@marsayequip.co.za		Edition 0	
Ph: +27- 828782672		Sheet 1 of 1	