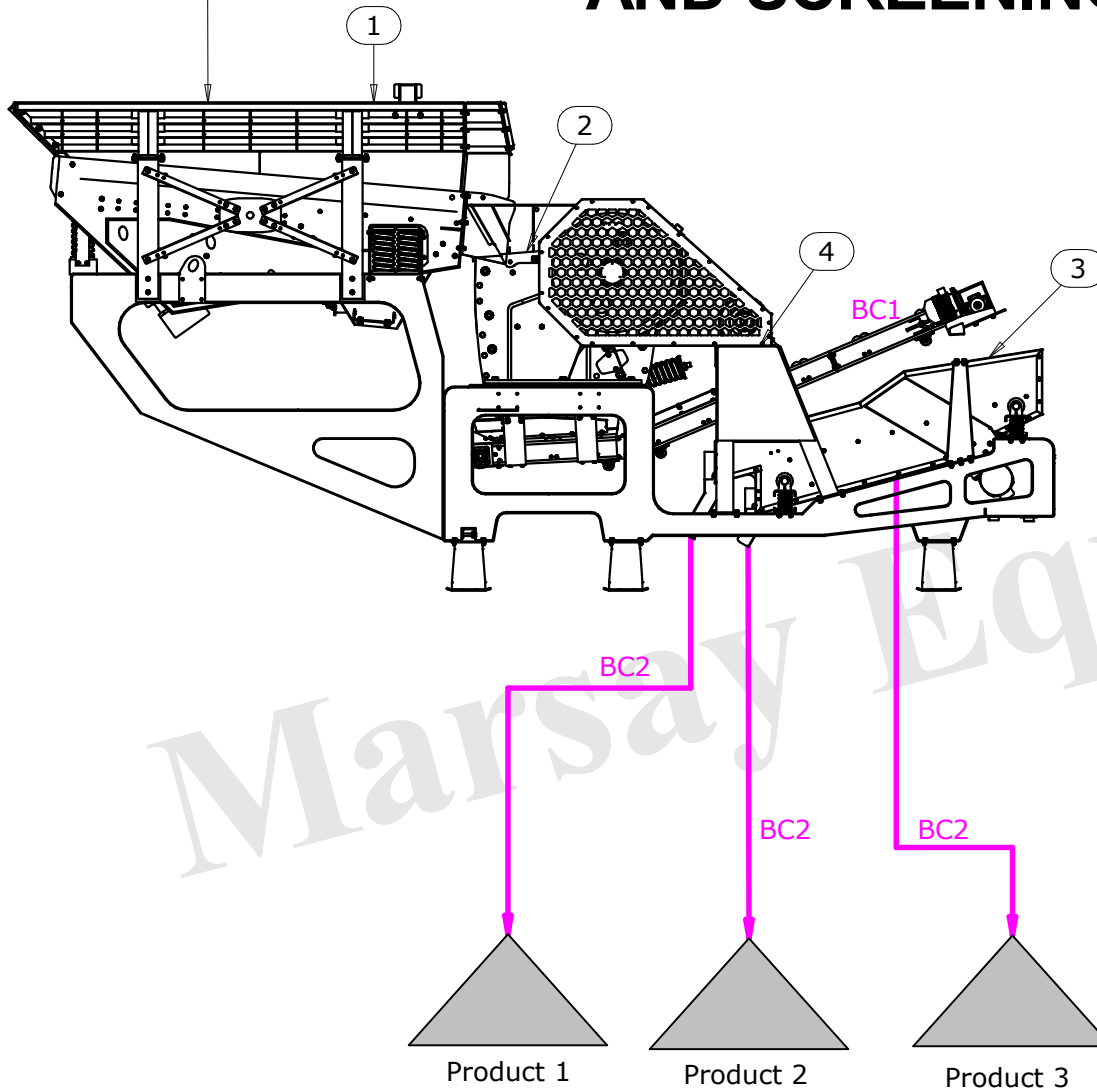


35TPH STATIONARY CRUSHING AND SCREENING PLANT

Feed Size = 350 mm (14")



Assumed Feed To Plant

Feed Rate: 35 TPH
Bulk Density: 1.6 T/Cu.Mtr.
Material Type: Black basalt
Feed Curve: See Catalogue
Moister Content: 1% by weight
Contamination: Dust & Clay Free

Sr. No.	Description	Qty	Power Kw	Total Power Kw
1	Feeder 0.8 X 2.2 Mtr	1	3.6	3.6
2	Jaw Crusher 24 X 15 (600mm x 400mm)	1	15	15
3	Vibratory Screen 800 x 2400	1	1.5	1.5
4	Electric Control Panel	1	Nil	Nil
BC1	Discahrge Conveyor 400 mm	1	1	1
BC2	Product Conveyor 400 mm x 6 Mtr	3	1	3

TOTAL POWER REQUIRED FOR PLANT 27 KW

37 HP

SUGGESTED DG SET 40 KVA

± 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 23.07.2024	Checked by CPB	Approved by CPB	Scale N.T.S.		
<i>MS MARSAY EQUIPMENT CC</i> PO BOX 92, PINEGOWRIE, 2123, SOUTH AFRICA E-mail: michael@marsayequip.co.za Ph.: +27- 828782672				TITLE : 35 TPH STATIONARY CRUSHING & SCREENING PLANT				
				DRG. No. : ML0002		Edition 0	Sheet 1 of 1	