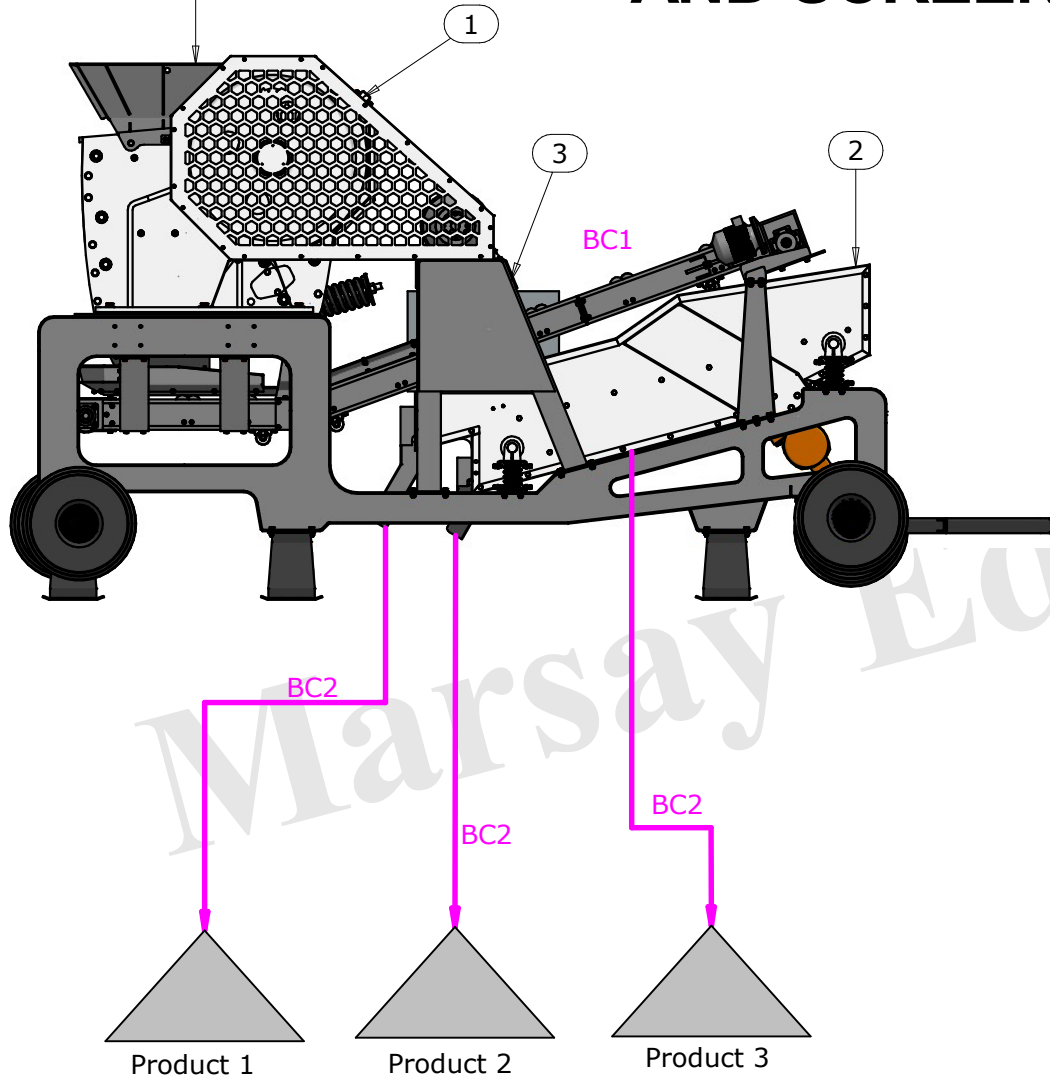


30TPH MOBILE CRUSHING AND SCREENING PLANT

Feed Size = 350 mm (14")



Assumed Feed To Plant

Feed Rate: 30 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	Jaw Crusher 24 X 15 (600mm x 400mm)	1	15	15
2	Vibratory Screen 800 x 2400	1	1.5	1.5
3	Electric Control Panel	1	Nill	Nill
BC1	Discahrge Conveyor 400 mm	1	1	1
BC2	Product Conveyor 400 mm x 6 Mtr	3	1	3

TOTAL POWER REQUIRED FOR PLANT 23 KW

32 HP

SUGGESTED DG SET 30 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 22.07.2024	Checked by CPB		Approved by CPB		Scale N.T.S.
MS MARSAY EQUIPMENT CC PO BOX 92, PINEGOWRIE, 2123, SOUTH AFRICA E-mail: michael@marsayequip.co.za Ph.: +27- 828782672					TITLE : 30 TPH MOBILE CRUSHING & SCREENING PLANT				
					DRG. No. : ML0001		Edition 0	Sheet 1 of 1	