

## SPECIFICATION SHEET

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Item No.: 04BF01  
 Equipment: BAG FILTER  
 Department: 04 Raw Meal Homogenizing  
 Project: The East African Portland Cement Company Limited (EAPCC)  
 Rehabilitation and Modernization of Athi River Plant

Supplier:

ITEM	UNIT	DESCRIPTION
Service	-	For dedusting raw meal feeding section
Type	-	Automatic reverse pulse air type
Gas volume	m <sup>3</sup> /min	Max. 70
Gas temperature	°C	Max. 45
Dust content		
Inlet	g/Nm <sup>3</sup>	100
Outlet	g/Nm <sup>3</sup>	0.05
No. of compartment	-	1
Pressure loss	kPa (mmAq)	1.47 (150)
Filter bag		
Material	-	Polyester
No. of bag	ps(s)	49
Diameter	mm	116
Length	mm	2515
Compressed air required		
Volume	Nm <sup>3</sup> /min	0.2
Pressure	MPa (kgf/cm <sup>2</sup> )	0.49 (5)
Driving device		
Type of drive	-	Chain
Reduction ratio	-	1/30
Consisting of	set(s)	1-Bag filter 1-Rotary discharger 1-Operation deck and ladder with handrails 1-Control Panel
Motor	set(s)	
For rotary discharger		1-0.4kW x 4P
Weight	t	
<b>IHI</b>	Date of Issue	Item No.: 04BF01