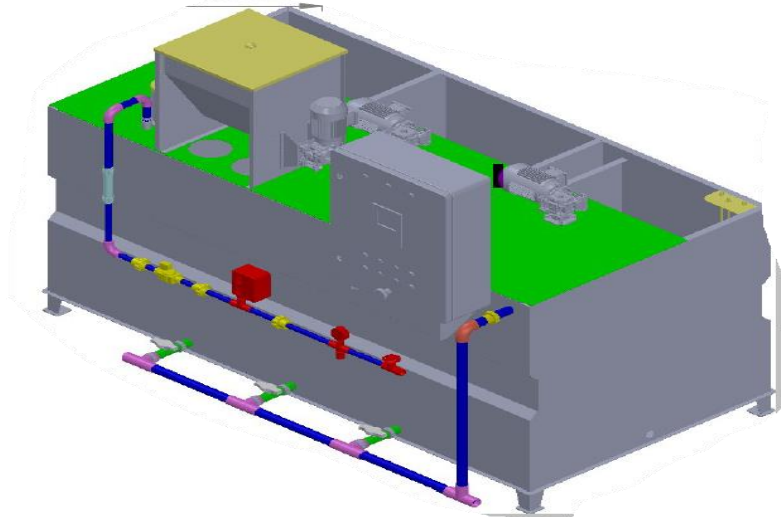



2025-04- JSC RMG COPPER

## Poly Preparation Unit Data Sheet for 3000 lt/h

Prepared for: JSC RMG COPPER  
April 2025



Rev	Date	Revision Description	By	Chk	App
00	24/04/2025	Preliminary	IA	BS	BS

		DATASHEET		Equipment Tag No  PPU-3000-01  PPU-3000-02	
Title		POLY PREPARATION UNITS		KSM EXPORT IMPORT  Ostim OSB, Alinteri Blv. No:33/33, 06374 Yenimahalle/ Ankara/Türkiye senad@ksmexport.com +90 553 271 92 57	
Project Title		JSC RMG COPPER			
Document No		DS-PPU-3000-01			
		Revision			
		00			

This data sheet to be read in conjunction with the following project specific specifications and drawings:

- JSC RMG COPPER Requirement "Automatic Station for Preparation and Dosing of Flocculant"
- Mechanical Drawing for Poly Preparation Units

Vendor to complete the datasheet where applicable and return with the Tender submission.

DESCRIPTION	Units	REQUIREMENTS	VENDOR OFFER
Manufacturer		KSM	
Model number		PPU3000	
Type		Automatic poly preparation unit with feeding hopper and screw feeder	
No. of poly preparation units required		2	
Location		In building	
Hazardous area classification		Non-hazardous	
Hazardous vapours / liquids		None	
Chemical		Polyelectrolyte	
Ambient temperature range	°C	-20 to +40	
<b>GENERAL DATA</b>			
Flocculant Mixture Capacity:	L/h	3000	
Poly Concentration:	%	From 0,05	
Concentration Range Solution	%	0,1-0,16	
Mass Concentration	Kg/m <sup>3</sup>	1,0-1,6	
Poly preparation unit dimensions			
- Width	m	960 mm	
- Length	m	2.960 mm	
- Height	m	1.300 mm	
No of chamber for each unit		3	
Total weight of each unit	kg	Vendor to advise	
Mode of operation		2 Duty	
Hours of operation	h/day	24	

DESCRIPTION	Units	REQUIREMENTS	VENDOR OFFER
Type of operation	-	Continuous	
<b>ELECTRICAL SUPPLY AND POWER</b>			
Voltage	V	400-380	
Frequency	Hz	50	
Phases	-	3	
Rated Power - Dosing Reducer Rated Power – Rapid Mixture Rated Power – Slow Mixture Rated Power - Rest Mixture		0,25 kw- 30 rpm 0,55 kw- 250 rpm 0,55 – 120 rpm 0,55 – 61 rpm	
Motor starting method		DOL	
<b>MATERIALS</b>			
Poly preparation tank and feeding hopper		AISI 304	
Control Panel		FRP - fibreglass reinforced plastic	
Overflow Piping		PVC Material	

END OF DATASHEET

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