



Z.C.E

شركة الزهراء
للمقاولات الهندسية
والتوريدات

EIZAHRAA FOR ENGINEERING CONTRACTING AND Supplying

Project Report: BBBB BBBB

Project Details

Project Name:

BBBBBBB

Client Name:

b

Capacity:

b



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1. Screw Conveyor

Sec01: Inputs

Field	Value
Density (Kg/m3)	1600
Length (mm)	5000
Diameter (mm)	300
RequiredFlow (m3/h)	5
FillingRatio	0.4
SafetyFactor	1.5
MotorEff	0.7
ShaftDiameter (mm)	50

Sec02: Outputs

Field	Value
Pitch (mm)	240.0
Speed (RPM)	12.64
Motor Power (Wat)	238.1
ScrewWeight (Kg)	121.51
FrameWeight (Kg)	337.25