



**PRICE OFFER**

Type	:	ECONOMIC Fixed Concrete Batching Plant
Capacity	:	60 m <sup>3</sup> / h
Model	:	MESCOM - 60
Total Power	:	90 kw
Operating Voltage	:	380 Volts

### PROFORMA INVOICE

COMPANY NAME :	DATE :
AUTHORIZED PERSON :	OFFER :
ADDRESS :	TEL :
EMAIL :	MOBILE :

#### 60 m3/h ECONOMIC FIXED CONCRETE BATCHING PLANT

EXPLANATION	FEATURES	UNIT	UNIT PRICE	TOTAL PRICE
80 m3 Aggregate Bunker	4 x 20 m3 = 80 m3	1	40.000	40.000
Aggregate Feeding Conveyor	W=800 mm L=16.000 mm	1	10.000	10.000
Concrete Mixer	Single - Shaft ( 1 m3 )	1	43.000	43.000
Cement Silos	100 Ton	1	17.000	17.000
Equipment Of Cement Silo	Complete	1	1.750	1.750
Cement Screw Conveyor	Q 219 x 12000 mm	1	3.000	3.000
Concrete Plant Automation	MAKRO Automation	1	9.750	9.750
Control Cabinet	2.200 mm x 3.000 mm	1	1.500	1.500
Compressor	500 lt	1	1.750	1.750
Hydrophore and Equipment	20 m3/h	1	1.250	1.250
Bunker Sheet Cladding (Optional)		0	0	0

**TOTAL PRICE**

**129.000 EUR**

#### SALES CONDITIONS

OFFER VALIDITY	7 Days
DELIVERY TIME	READY (available for shipment)
DELIVERY LOCATION	Ex - Works , Ankara / TURKEY
PAYMENT	%40 After contract %60 Before the shipment
GENERAL NOTES	

#### COMPANY INFO

MESAŞ MÜHENDİSLİK MAK.İNŞ.PROJE DAN.İTH.İHR.SAN. VE TİC.LTD.ŞTİ.  
OSTİM SAN.SİTESİ 1245. SK. NO:18 OSTİM / YENİMAHALLE / ANKARA

#### BANK INFORMATION

GARANTİ BANKASI SWIFT NO :TGBATRISXXX OSTİM ŞUBESİ IBAN ( TL ) : TR 39 0006 2000 4810 0006 2959 21  
GARANTİ BANKASI SWIFT NO :TGBATRISXXX OSTİM ŞUBESİ IBAN ( USD ) :TR 35 0006 2000 4810 0009 0953 16  
GARANTİ BANKASI SWIFT NO :TGBATRISXXX OSTİM ŞUBESİ IBAN ( EURO ) :TR 62 0006 2000 4810 0009 0953 15

### TECHNICAL SPECIFICATIONS



ITEM	UNIT	UNIT PRICE	TOTAL PRICE
<b>80 m3 AGGREGATE BUNKER</b>	1	40.000	40.000
Capacity	4 x 20 m3 = 80 m3		
Discharge flap	1 unit ( for each compartment )		
Pneumatic pistons	4 units ( FMS )		
Vibrator	2 units ( OLİ )		
Load cell	4 units ( ESİT - ZEMİC )		
Air preparation unit	1 unit		
<b>Aggregate Weighing Conveyor</b>			
Type	4 - fold 10 mm linen rubber belt		
Dimensions	W=800 mm L=10.000 mm		
Vibrator	1 unit ( OLİ )		
Electric motor	11 kw 1500 rpm ( GAMAK )		
Reducer	F55 - dual step		
Drums	Ringfeder - Drive drum covered with 10 mm rubber		
Housings	SNH 511 - 512 - 513		
<b>Bunker Sheet Cladding ( Optional )</b>	0	0	0



<b>AGGREGATE FEEDING CONVEYOR</b>	1	10.000	10.000
Type	4 - fold 10 mm linen rubber belt		
Dimensions	W=800 mm L=16.000 mm		
Electric motor	15 kw 1500 rpm ( GAMAK )		
Reducer	P4 Reducer ( Back slide lock )		
Drums	Ringfeder - Drive drum covered with 10 mm rubber		
Housings	SNH 511 - 512 - 513		
Platform	Single-side walking platform		
Belt top closure	Galvanized sheet		



<b>CONCRETE MIXER ( 1 m3 )</b>	1	43.000	43.000
Origin	TURKEY		
Brand	MESAS Engineering ( MES - 1000 )		
Mixer capacity	1 m3		
Mixer type	Single - Shaft		
Drive type	Driven from one side		
Motors	37 Kw ( Gamak - Yılmaz Reducer )		
Mixing arm type	HELICAL		
Rotating speed	12-14 rpm		
Main body wear plates	16-18 double chrome coated MANGANESE		
Mixing arm wear plates	16-18 double chrome coated MANGANESE		
Side wall wear plates	Hardox 400		
Automatic central lubrication system	1 unit ( ALFETT - LUBRİMAC )		
Discharging type	Pneumatic discharge door		
Emergency stop switch	2 units		
Safety sensor	1 unit		
Cement weighing capacity	600 kg -- Pneumatic Vibrator - Load Cell : 3 x 500 kg ( ESIT - ZEMIC )		
Water weighing capacity	400 Lt -- Load Cell : 1 x 1000 kg ( ESIT - ZEMIC )		
Additive weighing capacity	30 kg -- Load Cell : 1 x 100 kg ( ESIT - ZEMIC )		
			
<b>CEMENT SILOS</b>	1	17.000	17.000
Capacity	100 Ton		
Sheet thickness	4 - 6 mm		
Filling pipe	4 "		
Construction type	Bolted		
Bottom flap and lever	300 SN valve and CM4 lever ( Wam - Ozbekoglu )		
Silo equipment	Sailor Ladder - Maintenance Cover - Platform and Railing		
<b>Equipment of Cement Silo</b>	1	1.750	1.750
Brand	Wam - Ozbekoglu		
Equipment	24 m2 top filter Safety valve Min-max level indicator Cement plasticizer		
<b>CEMENT SCREW CONVEYOR</b>	1	3.000	3.000
Brand	Wam - Ozbekoglu		
Dimensions	Q 219 x 12000 mm		
Motor	15 Kw		
Capacity	60 ton / h		
Cement input	Universal type		
<b>CONCRETE PLANT AUTOMATION</b>	1	9.750	9.750
Type	Fully automatic by computer ( Computer + SCADA Control Panel )		
Supplier	MAKRO Automation		
<b>AUTOMATION PROPERTIES</b>			
<ul style="list-style-type: none"> <li>* The plant automation is fully automatic and controlled with PC.</li> <li>* The operator can do any parameter adjustment and calibration on the PC.</li> <li>* Raw materials stock entered can be updated as production moves and remaining materials can be tracked.</li> <li>* The system enables preparing as many prescriptions as desired and entering customer information and retrieving production data at least one year to the past.</li> </ul>			

- \* Digital indicators enable the operator to follow voltage and current values on the panel.
- \* The operator can control the whole system manually by buttons on the panel in case of a computer failure.
- \* The production can be resumed through operator panel after a pause or keeping the mixture or power outage.
- \* Servicing requirement is minimum thanks to the advantage of remote connection and intervention online.
- \* Authorized users can be defined via passwords to prevent unauthorized access and to set authorization level.
- \* All Electrical parts are original SIEMENS brand.



<b>CONTROL CABINET</b>	1	1.500	1.500
Dimensions	2.200 mm x 3.000 mm		
Outer wall	0.5 mm galvanized material, painted		
Inner wall	12 mm laminated chipboard		
Side walls	50 mm polystyrene hard foam		
Ceiling	80 mm glass wool		
Windows	PVC and heat insulated double glass		
Other features	The electrical system is built-in and there are luminaire, socket and switch.		



<b>COMPRESSOR</b>	1	1.750	1.750
Brand	DALGAKIRAN Compressor		
Volume	500 lt		
Motor	5.5 Kw		
Flow	1480 lt/minute		
Pistons	2 units		
Pressure	8 bar		
<b>HYDROPHORE AND EQUIPMENT</b>	1	1.250	1.250
Brand	DOMAK Hydrophore		
Capacity	20 m3/h		
Motor	5.5 Kw		
Pressure tank	300 lt		
Working pressure interval	4 - 6 bar		

<b>TOTAL PRICE</b>	<b>129.000 EUR</b>
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#### CUSTOMER'S RESPONSIBILITIES

- \*All shipping costs from factory to customer's address.
- \*Customer shall cover travel, food and accommodation expenses of the installation team.
- \*Providing cranes to be used during assembly.
- \*Welding machines and oxygen tool sets to be used during installation.
- \*Providing the anchorage plates which are indicated on the foundation project.
- \*Installation of electrical lines up to control cabin and grounding.
- \*Providing a water tank for the station and installation of the water line up to water tank.
- \*Pouring the concrete required for settlement project which will be given by MESAS.

#### MANUFACTURER'S RESPONSIBILITIES

- \* Completing the installation and commissioning of concrete batching plant.

#### WARRANTY CONDITIONS

- \* All MESAS Equipment is guaranteed for 1 year against defects due to workmanship and production.
- \* Damage due to sudden power surges is not covered by the warranty.
- \* Problems caused by customer's misuse and failures due to natural wear and tear of running parts are not under warranty coverage.

#### GENERAL NOTES

- \*Concrete Batching Plant installation; Made by MESAS' own assembly members. Installation time ranges from 5 –10 working days (Depends on the field conditions.)
- \*Depending on customer's demand, we can provide a batching plant operator against his wages.

#### SELLER

MESAS MÜHENDİSLİK MAK. İNŞ. PROJE DAN. İTH.  
İHR. SAN. VE TİC. LTD. ŞTİ.

#### BUYER

60 m<sup>3</sup>/h ECONOMIC FIXED CONCRETE PLANT SETTLEMENT

