MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

COMPLETE LINE PRODUCTION ROOF TILES

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

DESCRIPTION OF WORK

A) Preprocessing: mixing, grinding and rolling mill of the various clays that make up the mixture with storage of the same in the silos.

B) GREEN Zone: withdrawal of the mixture transposed and processing in the extruder for forming gallette.

C) Molding: transport of gallette in the drum-type press, molding removal and storage of the tiles on special frames that are manipulated by robots that place them in the wagons entering the drier for the next which provides for the removal of water from the tile.

D) DRY Zone with the same system and robot grippers the tiles are unloaded from dried wagons and deposited on the line that carries up to the robot that stores it in refractory boxes then stacked with a special clamp on the carts that will go into the oven for baking the material.

E) COTTO Zone: the refractory boxes are picked up by a gripper that settles on a savings plan where, through the robot, are emptied from the fired material that is deposited on belts that transport it to the robot that manipulates it to dial the pallet then shelved in the holds on the forecourt.

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

PREPROCESSING	Features
N° 1 Dispenser box **CA/1100-HDS4**	Dimension BASIN 1100x700x4000 ---- Wheelbase CARPET 3600 Production rate MC 12--70
N° 5 Dispenser box **CA/1100-HDS6**	Dimension BASIN 1100x700x6000 ---- Whellbase CARPET 5600 Production rate MC 12--70
N° 1 Disintegrator **DAF 5**	Slow smooth cylinder Diam. 800 Length 1200 rotation per minute 280 Fast cylinder (8 blades) Diam.500 Length1200 rotation per minute 750 Production rate MC 120
N° 1 Mixer **MBA5**	Dimension BASIN 3000x1000 Diam.blades 574 Production rate MC 40
N° 1 Rolling mill **Roughing LA9-C1**	Diam.Cylinder 1200 Length cylinder 900 Production rate MC 40 to a distance between the cylinders by 1,5 mm
N° 1 Rolling mill **VELOX 10-12**	Diam.Cylindres 1000 Length Cylindres 1200 Production rate MC 45 to a distance between the cylinders by 0,8 mm
Overhead with reversible belt and weighers	Footprint max 11200 x4205 x 1840 It allows to stratify the mixture between silos Production rate MC 45

PRODUCTION GREEN ZONE	Features	
N° 1 Dispenser box **CA/1100-HDS6**	Dimension BASIN 1100x700x6000 ---- Wheelbase CARPET 5600 Production rate MC 12--70	
N° 1 Rolling mill **Roughing LA9-C1**	Cylinders Diam. 1200 Cylinders length 900 Production rate MC 40 to a distance between the cylinders by 1,5 mm	
N° 1 Mixer Filter **MBAF5**	Dimension BASIN 2300x1000 Diam.blades 572 Production rate MC 25--30	
N° 1 Box for Clay **RG9-3500**	Dimension BASIN 940x735x3500 ---- Wheelbase CARPET 3500 Production rate MC 12--60	**Everything double for the second phase**
N° 1 brick machines **MUN 500**	Diension BASIN 1000x2150 Diam. Helix extruder 500 Production rate MC 30	
N° 1 Vacuum Pump **OM 5/15**	Operating pressure mBar 80/52 Flow Mc/h 400	
Roller conveyor **3 o 4 Gallette**	N° 2 passi del pellegrino. (one simple one double x 4 Gallette) Motorized rollers x lung and warehouse. Motorized relased carpet	
N° 1 Press **SSO3**	Station x pressing 3/4. Dim. drum side 646x1600. drum N° 6 face Hit press Max 21.	
N° 2 Accumulation bench frame empty or full	Capacity 4 frames for length and 6 for height Minimun cycle 12 second	
N° 2 Robot frame staking **FANUC M410 IB/300**	Maximum loader 300 Kg Minimun cycle 18 second	

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

PRODUCTION DRY ZONE	Features	
N° 2 Robot frame staking **FANUC M410 IB/300**	Max load 300 Kg Minimun cycle 18 second	
N° 2 Accumulation bench frame empty or full	Capacity 4 frames for length and 6 for height Minimun cycle 12 second	
N°1 clamp download dry tiles	Capacity download TILES N° 12 Capacity download TILES N° 6 Minimun cycle 12 second	
N° 1 Transport clamp and storage empty frames	Capacity 4 frames for length and 8 for height Cycle 96 second	
N° 1 line put up dry tiles	Capacity 10 tiles and 12 curved tile Cycle 10 second	**Double for 2° phase**
N°1 Robot tiles staking **FANUC M410 IB/160**	Load 160 Kg Cycle 10 second	**Double for 2° phase**
N°2 shuttles with 5 inclined clots	Storage capacity single space N° 18 Tiles Shuttles cycle 70 second	
N° 1 Robot x load U **FANUC M410 IB/300**	Max load 300 Kg Minimun cycle 28 second	
N° 2 clamp for loading and unloading U by kiln	one dry and one cotto tile. Withdrawal capacity and storage 8 U Cycle 64 second	
N° 4 shuttles transport U (2 dry and 2 done)	Transport capacity 8 U each Cycle 17 second	

PRODUCTION **COTTO Tile ZONE**	Features	
N° 1 Robot frame staking **FANUC M410 IB/300**	Max load 300 Kg Minimun cycle 23 second	
N°1 inclined plane for tiles Storage	Capacity to contain the contents of two U Cycle 23 second	**Everything double for the second phase**
handling clamp tiles	weighing capacity two by two tiles Cycle 1,5 second	
N° 1 line cotto tile	Capacity 12 tiles Cycle 18 second	
N°1 Clamp strapping bribes	Capacity 12 hands gripping to form wad 6/8 tiles Cycle 9 second	
N° 2 strapping bribes **Messesì MS300**	Cycle time 16 second	
N° 1 Robot making pallets **FANUC M410 IB/450**	Max load 450 kg Cycle 25 second	
N°1 horizontal regulator **Messersì MS300**	Cycle time 16 second	
N°1 shrink hood machine **BOCEDI FB-2000**	Material used stretch film Cycle 50 pallet/h	
N° 1 Labeller **LABEL**		
Clamp and Bath wetting pallets	2 big basket containing 6 pallet Each Cycle more or less 4 minute	

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

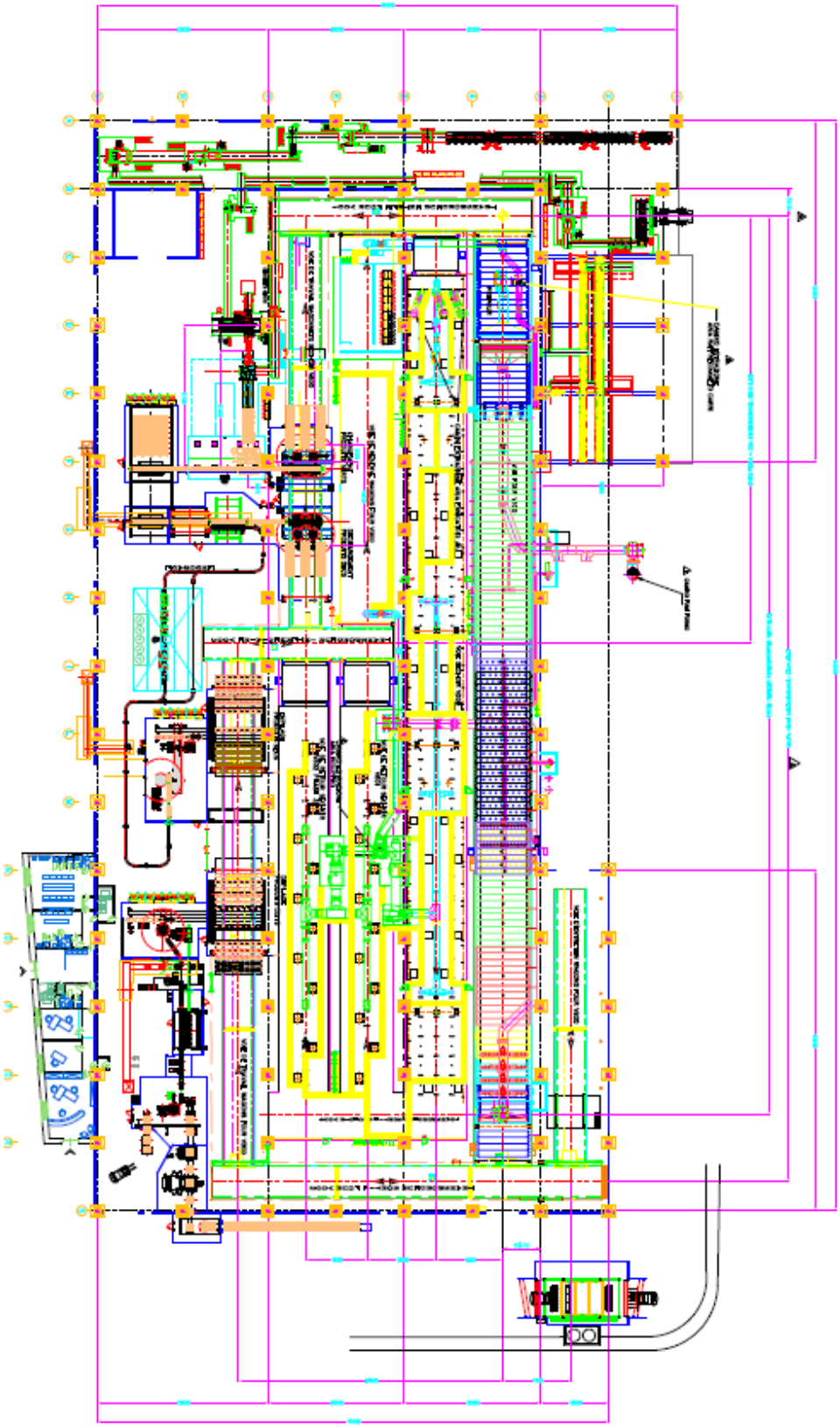
Complementary services	Features	
Compressor room Ceccato	N°1 Inverter compressor Mod.DRF 240 AIR G8 L/min 35000 N° 1 Screw compressor Mod.CRA 180/7 ATM7 L/min 23000	
Room for feed pumps PLANT	N° 3 Pumps Wilo -MultiVert-MVI	
dust suppression system Prod. **Eurofilter**	N°1 filter type FD 336 Filter area 336 mq	
dust suppression system Prod. **Eurofilter**	N°1 filter type FD 288 Filter area 288 mq	
Slip line	N°1 turbodissolver capacity 2000 lt N°5 Enamel containers cap.2000lt N°3 Cabin x Enamel-- N° 2 Cabin x Dust-- N°2 Cabin x glue--N°3 basket	**Double for 2° phase**

Silos	Capacity Q.li 22000			
Preproc.	Q.li/H 480			
Furnace	N° Cart 42	N° Box/C 200	Tot/Box 8400	Spare/Box 800
	Jet.Lateral	There are 6 holes x side + a hole on the side of second last to add a jet equal to the last.		
	Jet. By once	There are 18 holes (2 row 9) after the once 8. In most of (V2-V3) (V3-V4 (V4-V5) (V5-V6) (V6-V7) there is a row of 9 Holes for a total of 45 holes.		
	Rapid cooling	After the rapid cooling 3 (currently no delivery) It may add a row.		
	Recovery	After the recovery N°4 it may add a row.		
Dryer	N° Cart 53	N° Frames/C 480	Tot/Frames 25440	Spare/Frames 100

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

LAYOUT



MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES SERAMIK
MAKİNE SAN.VE TİC.LTD.ŞTİ.

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

For Commercial Part Please Contact With

Cemal Gürsel Caddesi No: 400 D. 1
35530 Karşıyaka – İzmir / TÜRKİYE
TEL. +90 0232 368 80 41 & 51
FAKS : +90 232 368 80 61
E-Posta : info@mectilesturkey.com
Web : www.mectilesturkey.com

MECTILES TURKEY

Mr.Onur Sayginer
onursayginer@mectilesturkey.com
+90 555 969 71 03

Mrs.Muge Aydemir
m.aydemir@mectilesturkey.com
+90 555 969 71 04