

## Offer about a plant for producing concrete products

### 1. Plant for production of concrete precast elements

especially for production of concrete paving stones (single layer or double layer with face mix)

Curing chamber: approx. 5000 boards

Board buffer: approx. 240 boards

Out feed conveyor  
(for picking up the stone packets): 8 packets

#### 1.1. Mixing and batching plant (Doubrava)

Year of construction: 1994

Drawing: Doubrava AZ 041165 vom 17.03.1994

**with the following parts:**

- 1.1.1. 25 m<sup>3</sup> bucket for the aggregates
  
- 1.2. 2 conveyor belts
  
- 1.3. 1 special conveyor belt for vertical transportation of aggregates to the silo  
incl. 1 new spare part belt (price: 29.900 €)
  
- 1.4. 1 Verteilerband verfahr- und reversierbar
  
- 1.5. 7 silos for aggregates (3 x 100 m<sup>3</sup>, 4 x 50 m<sup>3</sup>,  
incl. isolated cladding, vibration devices, filling control system,  
incl. dosage systems 450 x 350 mm
  
- 1.5.5. 1 conveyor belt with balance equipment and 2250 l hopper
  
- 1.6. 2 silos for cement, 1 x 120, 1 with two chambers each 60 to  
with steel construction, filling control system, tube system for  
filling, filter system etc.
  
- 1 additional silo for cement 60 to with steel construction, filling  
control system, tube system for filling, filter system etc.
  
- 1.7. 8 screw conveyor with different length
  
- 1.8. 2 balance for cement
  
- 1.9. 1 concrete mixer Pemat PMR 750 (already dismanteld  
or  
1 concrete mixer Eirich RV 12 for face mix  
(additional price of 98.0000 €)  
capacity: 0,3 m<sup>3</sup> or 720 kg concrete
  
- 1.10. 1 concrete mixer for base mix with stirrer (type: PEMAT PMR  
(1 piece of a defect gearbox as spare part) with one lift  
conveyor for both mixers

- 1.11. extended area of mixing plant with:
- 1.13. 1 conveyor belt for transport of base mix concrete and face mix concrete from the mixers to the paving block machine
- 1.14. 1 Dosage system for color mix concrete for the face mix
- 1.15. 1 DORNER control system PDS 32 for mixing plants, complete equipment with hardware and software (see also drawing Doubrava AZ 041165 vom 17.03.1994)  
(+ an used control system PDS 32 for spare parts)

## **2. COLOR METERING SYSTEM BRAND FINKE**

With 5 mixing tanks a 3000 l; pumps, metering system for color slurry based on balances

## **3. Admixture dosage system , brand Finke**

1 metering cylinder with pump for base mix concrete,  
2 metering cylinder with 2 pumps for face mix concrete

## **4. concrete product equipment**

consisting :

- 1 concrete product machine Omag Tronic 140/90  
serial no. 1357;  
boardsize: 1400 mm x 950 mm x 53 mm  
  
Max. area for products: 1300 mm x 900 mm  
  
Height of products: min. 40 mm, max. 400 mm  
  
1 filling unit for base mix and 1 filling unit for face mix



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- 1 moving unit for filling unit face mix
- 1 mould change device
- 1 automatic mould moving system (supports the mould change)
- 1 frequency control system for the vibration system; brand: SEW VL T 5042 (new)
  
- 2 filling control system for the base mix and face mix hopper
  
- 1 measurement system with ultrasonic for the feeding box base mix
- 1 control system Siemens S5 with visualization
  
- 16 m transport device between concrete product machine and elevator with rubbish remover
- 1 elevator 12 to with double action for 32 with 16 floors
- 1 collecting rack
- 1 maintenance platform for elevator and collecting rack
  
- 1 OMAG finger car group 12 to , 16 floors double boards  
Distance between the floors: 330 m
- 1 elevator 12 to with double action for 32 with 16 floors

**Packing line consisting:**

- 1 22 m transport device
- 1 v - belt device
- 1 board turner, Z-design

- 1 board stacker
- 1 board packets buffer system for 6 board packets
- 1 cap closer and positioning system with a four side clamp
- 1 clamp for building double layer
- 1 cubing installation
- 1 out feed conveyor with 34 steel pallets inclusive shipping pallet magazine
- 1 board brush
- 1 boarddestacker
- 1 board packets travelling system

Plant complete with all necessary equipment as hydraulics, control systems and safty equipment

Drawing: Projektplan ASP 2712 - 1

## **5. Packing Machine**

- 5.1 Horizontalumreifung für Kunststoffband Fa. Cyklop  
Modell: XF 172 M Baujahr 2009  
(alternativ: Stahlbandumreifung Modell AM 402; Fa. Ridder)
- 5.2. Automatic vertical strapping machine Fa. Cyklop
- 5.3. Top sheet dispenser; brand Ridder, model AF 3; year of construction: 1997

## 6. Industrial building paver production

<b>data building</b>	
built over area	864,85 m <sup>2</sup> gemäß Architektenaufstellung
Industrial effective area	19,99 m x (11,015+14,09+14,375) = 789,21 m <sup>2</sup> + 5,645 m x 13,4 = 75,64 m <sup>2</sup>
enclosed space	22,68 m x 40,17 x 1,25 = 1.138,82 m <sup>3</sup> + 22,38 m x 39,87 x (8,79 + 7,00)/2 = 7.044,63 m <sup>3</sup> + 5,00 m x 13,79 x /6,065 + 7,00)/2 = 450,42 m <sup>3</sup> + 5,30 m x 14,09 x 1,25 = 93,35 m <sup>3</sup> ----- Summe: 8.727,22 m <sup>3</sup>

## 7. Curing rack system , brand Rotho, for 5.000 boards

built over area: 865,38 m  
 Industrial effective area: 21,515 m x 39,48 m = 789,21 m<sup>2</sup>  
 + 2,39 m x 6,265 m = 14,97 m<sup>2</sup>

enclosed space: 22,205 m x 40,17m x 1,25 m = 1.114,97 m<sup>3</sup>  
 21,905 m x 39,87 m x (4,00 + 6,96)/2 = 5.222,65 m<sup>3</sup>  
 6,61 m x 2,735 m x 1,25 m = 22,60 m<sup>3</sup>  
 6,64 m x 2,585 m x (5,00 + 4,63)/2 = 80,41 m<sup>3</sup>  
 -----  
 Summe: 6.440,63 m<sup>3</sup>

8. **5000 pieces WASA plastic boards 1400 x 950 x 53 mm,**
  
9. **Compressed air System, brand: DEMAG/COMPAIR**  
 Equipment for compressed air; brand Demag/Compare;  
 Consisting of compressor sprint 011 and compressor L07;  
 Refrigerant dryer (new in 2010)  
 Compressed air tank 1000 l
  
10. **water tank            2000 l**
  
11. **vacuum cleaning device , brand esta**
  
12. **moulds (in addition):**

1.	Sechseck Normalstein SW 200, 8 cm	(Form-Nr. 112.1)
2.	Quadratpflaster 10,5 x 10,5 x 8 cm	(Form-Nr. A56.1)
3.	Sechseckzwilling Normalstein 8 cm	(Form-Nr. E10)
4.	Sechseckzwilling Anfangsstein 8 cm	(Form-Nr. E11)
5.	Sechseckzwilling Randstein 8 cm	(Form-Nr. E12)
6.	Wellenverbund 24 x 12 x 6 cm	(Form Nr. E15)
7.	Wellenverbund 24 x 12 x 8 cm	(Form Nr. E16)
8.	Wellenverbund 28 große + 28 kleine Randsteine 6 cm	(Form Nr. E17)
9.	Doppel-T Anfangsstein 8 cm	(Form Nr. E22)
10.	Doppel-T Randstein 8 cm	(Form Nr. E21)

**the purchase price for above mentioned equipment;  
without dismantling, ex works Germany**

**1.500.000,00 EUR**  
=====  
(zzgl. MwSt.)

**Payment:** 50 % after signing the contract  
50 % before beginning the dismantling





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**Contract conditions:**

The seller do not give any warranty for any material defect on the sold equipment. The equipment will be bought ex works Germany, as examined at the visit of the buyer, that means without any warranty about technical function and state of the art.. With the beginning of the dismantling the sold equipment is valid as complete and compliant delivered to the contract. Documents about assembling, dismantling, maintenance and operating of the plant are only available in the examined and the already delivered volume.

The dismantling und shipping of the equipment including the discharging of oil will be done on cost and risk of the buyer, under strictly observance of the relevant regulations of the German authorities, especially the UVV (accident prevention rules),and factory acts. It is the duty of the buyer, to get an insurance against all eventual risks which are may occur while dismantling and shipping. All the workers and persons which will be involved with dismantling and shipping will be instructed in all relevant regulations by the buyer. The seller will not be liable to all damages at persons or equipment, which may occur while dismantling and shipping.

Damages on not sold equipment of the seller, which may occur while dismantling and shipping, will be repaired by the buyer.

## Dismantling, transportation, assembly and implementing:

We recommend the following specialized company:

- ⇒ Firlej und Partner  
Unter dem Weiler 7  
74199 Donnborn
- email: [g.firlej@online.de](mailto:g.firlej@online.de)  
[www.firlej.de](http://www.firlej.de)
- Contact person: Herr Firley + Frau Firlej  
Tel.: 07131/970522  
Fax: 07131/702334

## List companies for building moulds:

- ⇒ Rampf Formen GmbH  
Alzheimer Str. 1  
89604 Allmendingen
- email: [info@rampf.de](mailto:info@rampf.de)  
[www.rampf.de](http://www.rampf.de)
- Contact person: Herr Rühle  
Tel.: 07391/5050  
Fax: 07391/505140
- ⇒ Kobra Formen GmbH  
Plohnbachstr. 1  
08485 Lengenfeld
- email: [info@kobragroup.com](mailto:info@kobragroup.com)  
[www.kobragroup.com](http://www.kobragroup.com)
- Contact person: Herr Reiher  
Tel.: 037606/302-0  
Fax: 037606/302-22
- ⇒ HMB Maschinenbau GmbH  
Siegener Str. 133  
57334 Bad Laasphe
- email: [info@hmb-formen.de](mailto:info@hmb-formen.de)  
[www.hmb-formen.de](http://www.hmb-formen.de)
- Contact person: Herr Otterbach  
Tel.: 02754/3749-0  
Fax: 02754/8829

## List of the companies, which delivered the equipment

- ⇒ DOUBRAVA GmbH  
Industriestraße 17-20  
4800 Attnang-Puchheim  
Österreich  
email: [office@doubrava.at](mailto:office@doubrava.at)  
[www.doubrava.at](http://www.doubrava.at)  
Contact person: Herr Rechberger  
Tel.: 0043/7674-601-0  
Fax: 0043/7674-601-499
- ⇒ Besser GmbH (OMAG)  
Westfalenstraße 2  
26723 Emden  
email: [information@besser.com](mailto:information@besser.com)  
[www.besser.com](http://www.besser.com)  
Contact person: Herr Frerichs  
Tel.: 04921/805-0  
Fax: 04921/805-182
- ⇒ Firma GmbH & Co. KG (OMAG)  
Friesische Maschinenbau  
Stedinger Str. 12  
26723 Emden  
email: [post@frima-emden.de](mailto:post@frima-emden.de)  
[www.frima-emden.de](http://www.frima-emden.de)  
Contact person: Herr Harms  
Tel.: 04921/584-0  
Fax: 04921/584-128
- ⇒ Pemat  
Mischtechnik GmbH  
Hauptstraße 29  
67361 Freisbach/Pfalz  
email: [wstahl@pemat.de](mailto:wstahl@pemat.de)  
[www.pemat.de](http://www.pemat.de)  
Contact person: Herr Stahl  
Tel.: 06344/9449-0  
Fax: 06344/9449-500
- ⇒ ROTHO Robert Thomas  
email: [info@rotho.de](mailto:info@rotho.de)



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