

# VIFE SA



TURNING LAYING MACHINES

VIFESA in the section dedicated to the special concrete pieces, designs and manufactures turning laying machines KMV for the production of any kind of concrete pieces. The large range of machines allows the production of different size pieces and a big variety of forms. All the models can be used as mobile or stationary machines. The machine KMV in its different models is a new philosophy of concrete pieces production. Its manufacturing system (turning – laying) offers some advantages as rapidity, versatility and big out put. The production is based on the feeling of the moulds placed on the holding moulds table on the machine, once this mould is vibrated and compact, it goes up and down and then it turns over for the mould releasing of the pieces. The vibration is independent to each mould but if it's necessary we can have some system of moulds which share the same vibration. The production system according to the model of the machine will be manual, semi-automatic or automatic. The production cycles are multiples and variables. Another big characteristic of this series of machines is the possibility to produce different pieces in the same working cycle, with no need to be the same pieces nor in sizes neither in forms.

So we can produce electrical manholes, sewage manholes, telephone distribution boxes, curb-stones, drainage channels, manhole base units, covers, septic boxes, road water descend channels, street light supports, etc. etc with and without reinforcement.

The possibility of manufacturing bigger size pieces or a bigger out put is solved out with the 2000, 3000 and 6000 series machines, due to their bigger size design. The production of big size box culverts with immediate mould releasing or big size manholes for cleaning points, is another of the possibilities getting a better out put than any other kind of machine.

Those machines are designed and planned to be built according to the requests of the client, They are adapted to the needs of each of them.



## AUTOMATIC MACHINES

KMV-1800



**BOX CULVERTS PRODUCTION**

**KMV-3000**



**HIGH WAY BARRIERS**



**PIPES AND REGISTER CONES**

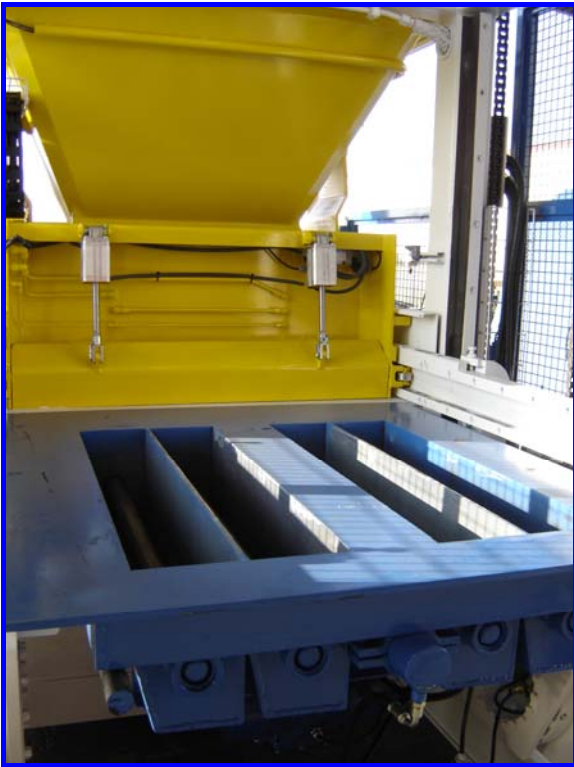


**MANHOLES**

# MANUAL MACHINES



**MAIN VIEW OF THE MACHINE KMV-1000**



**CURB STONES MOULD DETAILS**

**KMV-1000**



**KMV-1200**



**SEWAGE MANHOLES**

# BIG SIZES



ROAD WATER DESCEND CHANNELS PRODUCTION

**KMV-2000E**





TANKS

**KMV – 2000**



CLEANING POINTS MANHOLES







**SOME PIECES PRODUCED WITH TURNING MACHINES**

# MULTIPREN

A new concept of laying machine, specially designed for the production of manhole rings and any kind of conical pieces, register cones, electrical manholes and telephone distribution boxes with bell part on the bottom.

We produce different models according to the size of the pieces. Those machines can be stationary installations using a steel plate to take away the fresh pieces.

Consult with our technical and trade department.

**QUALITY - EXPERIENCE - WARRANTY**



REGISTER CONES PRODUCTION



**KMV-3000 MULTIPREN**

**ELECTRICAL MANHOLES PRODUCTION**



**KMV-1800 MULTIPREN**



## MODELS TABLE OF MACHINES AND TECHNICAL CHARACTERISTICS

### AUTOMATIC MACHINES

	<b>KMV-1800</b>	<b>KMV-3000</b>
Installed power	34kW	52kW
Vibrators high frequency	4	6
Vibration power	78,4kN	127kN
Working voltage	380V	380V
Loading height hooper	3600mm	3100mm
Hooper capacity	1,5 m <sup>3</sup>	2 m <sup>3</sup>
Dimensions of the machine	4700x2800x3700	4700x4600x3700
Dimensions maxi of the pieces	1800x1700x1200	3000x1700x1200
Weight maxi of the pieces	2500 kg	5000 kg
Out put (*)	2-10 min	2-10 min

(\*) According to the pieces to be manufactured

### MANUAL MACHINES

	<b>KMV-1000/M</b>	<b>KMV-1200/M</b>	<b>KMV-1800/M</b>
Installed power	17kW	21kW	26kW
Vibrators high frequency	2	2	3
Vibration power	39,2kN	39,2kN	58,8kN
Working voltage	380V	380V	380V
Loading height hooper	2500mm	2500mm	2500mm
Hooper capacity	0,60 m <sup>3</sup>	0.70 m <sup>3</sup>	1 m <sup>3</sup>
Dimensions of the machine	4020x2250x2725	4490x2445x3800	4500x2800x3800
Dimensions maxi of the pieces	1200x1000x1000	1400x1400x1000	1800x1200x1000
Weight maxi of the pieces	1000 kg	1200 kg	1600 kg
Out put (*)	1-5 min	1-5 min	1,5-10 min

(\*) According to the pieces to be manufactured

### BIG SIZE MACHINES

	<b>KMV-2000</b>	<b>KMV-2000E</b>	<b>KMV-6000</b>
Installed power	64kW	72kW	50kW
Vibrators high frequency	4+4	4+4	4+4
Vibration power	208kN	208kN	208kN
Working voltage	380V	380V	380V
Loading height hooper	5000mm	4500mm	
Hooper capacity	1.7 m <sup>3</sup>	3 m <sup>3</sup>	
Dimensions of the machine	5600x4100x4800	5700x4400x4800	8400x4400x5780
Dimensions maxi of the pieces	2100x2100x2100	3000x3000x2000	6000x3000x2000
Weight maxi of the pieces	6000 kg	8500 kg	15000 kg
Out put	According pieces	According pieces	According pieces

### MULTIPREN MACHINES

	<b>KMV-1500</b>	<b>KMV-1800</b>	<b>KMV-3000</b>
Installed power	34kW	34kW	52kW
Vibrators high frequency	4	4	6
Vibration power	74,8kN	74,8kN	127kN
Working voltage	380V	380V	380V
Loading height hooper	3600mm	4200mm	3500mm
Hooper capacity	1,3 m <sup>3</sup>	2 m <sup>3</sup>	2,2 m <sup>3</sup>
Dimensions of the machine	5400x2900x4500	5700x3200x4800	5700x4600x3700
Dimensions maxi of the pieces	1500X1500X1200	1800x1700x1200	3000x1700x1200
Weight maxi of the pieces	2300 kg	2500 kg	5000 kg
Out put	According pieces	According pieces	According pieces



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