

# TETRA STRUCTURE

*COUNCIL - CREATION - MANUFACTURING - MARKETING*



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# "TOUTAGGLO's" Materials

## BLOCKS' LAYING MACHINES












*For the production of any type of blocks  
in 40 or 50 cm length.*



Caracteristics					
Models	P60 / 40	P60 / 50	P80 / 40	P80 / 50	P100 / 40
Engines	electric MONO 220 V - 1,1 KWh electric TRI 220 / 380 V - 0,75 KWh gasoline Briggs & Stratton - 5 CV				
Vibration frequency	4300 tr / min				
Moulding capacity					
Length	400 mm	500 mm	400 mm	500 mm	400 mm
Width	606 mm		809 mm		1012 mm
Height : min. / max.	190 mm / 200 mm				
Dimensions (mm)	1090 x 1020 x 1700		1090 x 1223 x 1700		1090 x 1426 x 1700
Without operation arm (mm)	1090 x 1020 x 720		1090 x 1223 x 720		1090 x 1426 x 720
Weight with mould	220 kg	250 kg	260 kg	300 kg	
Daily production					
Blocks of 10/20/40	1600		2000		2400
Blocks of 15/20/40	1100		1250		1500
Blocks of 20/20/40	800		1000		1200
Blocks of 10/20/50		1600		2000	
Blocks of 15/20/50		1100		1250	
Blocks of 20/20/50		800		1000	

# Standard products realizable with the "TOUTAGGLO" Laying machines


For other models, please contact us.

Models	Types	Dimensions	P 60/40	P 80/40	P 100/40
			Number of blocks / operation		
	<b>Full N° 14</b>	5x20x40	11	15	19
		10x20x40	6	8	10
		15x20x40	4	5	6
		20x20x40	3	4	5
	<b>Full N° 14 JS</b>	5x20x40	11	15	19
		10x20x40	6	8	10
		15x20x40	4	5	9
		20x20x40	3	4	5
	<b>Hollow N° 84 N° 13 N° 13B</b>	8x20x40	7*	10*	12*
		10x20x40	6*	8*	10*
		12x20x40	5*	6*	8*
	<b>Hollow N° 13 JS N° 13B JS</b>	10x20x40	6***	8***	10***
		12x20x40	5***	6***	8***
	<b>Hollow N° 91</b>	15x20x40	4*	5*	6*
	<b>Hollow N° 90 JS</b>	15x20x40	4***	5***	6***
	<b>Hollow N° 5</b>	20x20x40	3*	4*	5*
	<b>Hollow N° 4 JS</b>	20x20x40	3***	4***	5***
	<b>Link block N° 141 N° 142</b>	15x20x40	4	5	6
		20x20x40	3	4	5
	<b>Hollow (beam) N° 112 N° 116 N° 120</b>	12x20x52	3	3	3
		16x20x52	2	2	4
		20x20x52	2	2	4
	<b>Hollow (formwork) N° 212 N° 215 N° 220</b>	12x20x50	3	3	6
		15x20x50	2	2	4
		20x20x50	2	2	4

\* including one with cut \*\*\* including one with cut and wall-end

# Standard products realizable with the "TOUTAGGLO" Laying machines

For other models, please contact us.

Models	Types	Dimensions	P 60/50	P 80/50
			Number of blocks / operation	
	<b>Full</b> <b>N° 14</b>	5x20x50	11	15
		10x20x50	6	8
		15x20x50	4	5
		20x20x50	3	4
	<b>Full</b> <b>N° 14 JS</b>	5x20x50	11	15
		10x20x50	6	8
		15x20x50	4	5
		20x20x50	3	4
	<b>Hollow</b> <b>N° 84</b> <b>N° 13</b> <b>N° 13B</b>	8x20x50	7	10
		10x20x50	6	8
		12x20x50	5	6
	<b>Hollow</b> <b>N° 13 JS</b> <b>N° 13B JS</b>	10x20x50	6**	8**
		12x20x50	5**	6**
	<b>Hollow</b> <b>N° 91</b>	15x20x50	4	5
	<b>Hollow</b> <b>N° 90 JS</b>	15x20x50	4**	5**
	<b>Hollow</b> <b>N° 5</b>	20x20x50	3	4
	<b>Hollow</b> <b>N° 4 JS</b>	20x20x50	3**	4**
	<b>Link block</b> <b>N° 151</b> <b>N° 152</b>	15x20x50	4	5
		20x20x50	3	4
	<b>Hollow (beam)</b> <b>N° 116B</b> <b>N° 120B</b> <b>N° 116</b> <b>N° 120</b>	16x20x50	3	5
		20x20x50	3	4
		16x20x52	3	3
		20x20x52	2	2
	<b>Hollow (formwork)</b> <b>N° 212</b> <b>N° 215</b> <b>N° 220</b>	12x20x50	5	6
		15x20x50	4	5
		20x20x50	3	4

\*\* including one with end of wall

# "TOUTAGGLO's" Materials

## TETRA BLOC 1000 Mobile version

*Semi-automatic machine for the production of concrete blocks and paving stones.*



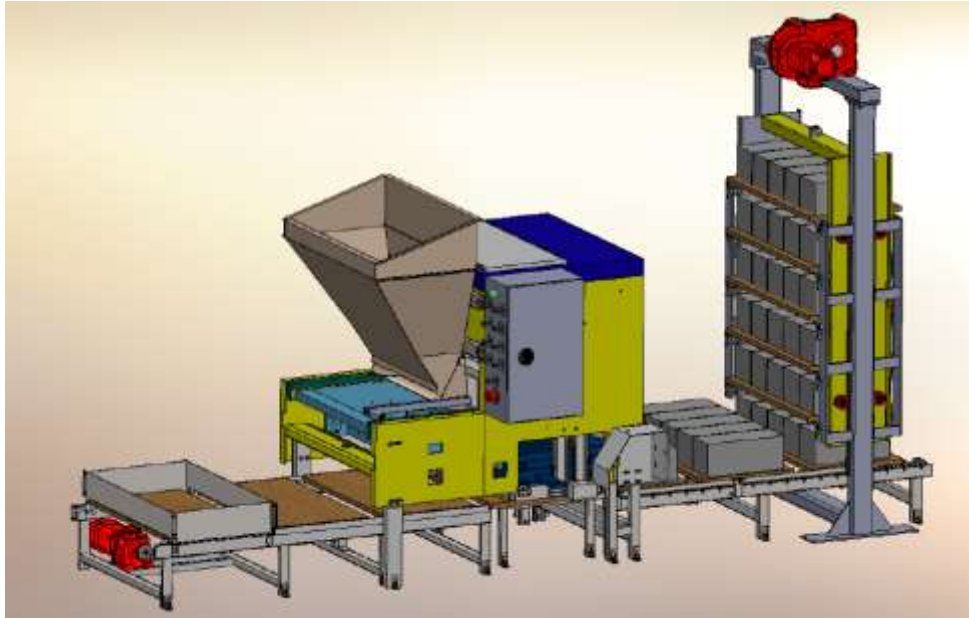
Power	1000 T	1000 TP
Mould-ram geared engine	0.75 kWh	
Travel geared engine	0.55 kWh	
Slide geared engine	0.75 kWh	
Vibrator geared engine	0.75 kWh	
Rammer geared engine	2 x 0.75 kWh	
Total power	2.80 kWh	4.25 kWh
Vibrator strength (mould)	900 kg	
Vibrator strength (rammer)	900 kg	
Weight	1000 T	1000 TP
Weight without mould	800 kg	850 kg
Moulds' weight	100 à 180 kg	
Dimensions	1000 T	1000 TP
Length	1750 mm	
Width	1560 mm	
Height	1460 mm	
Carcass capacity	1000 T	1000 TP
Working width	1012 mm	
Minimal blocks height	190 mm	60 mm
Maximum blocks height	200 mm	
Daily production	1000 T	1000 TP
Blocks of 20 x 20 x 40	4000	
Blocks of 15 x 20 x 40	5350	
Blocks of 10 x 20 x 40	8000	
Paving stones	120 to 180 m <sup>2</sup>	



# TETRA BLOC 1000

## Fixed version

*Semi-automatic machine for the production of concrete blocks and paving stones*



Power	1000 T	1000 TP
Mould-Tamper geared engine	0.75 kWh	
Travel geared engine	0.55 kWh	
Feedbox geared engine	0.75 kWh	
Vibrator mould	0.75 kWh	
Vibrator Tamper	2 x 0.75 kWh	
Pallet pusher	1.3 kW	1.3 kW
Elevator	1.5 kW	1.5 kW
Total power	5.60 kWh	7.10 kWh
Vibrator strength (mould)	900 kg	
Vibrator strength (rammer)	900 kg	
Weight	1000 T	1000 TP
Weight without mould	800 kg	850 kg
Moulds' weight	100 à 180 kg	
Dimensions	1000 T	1000 TP
Length	1750 mm	
Width	1560 mm	
Height	1460 mm	
Carcass capacity	1000 T	1000 TP
Minimal blocks height	190 mm	60 mm
Maximum blocks height	200 mm	
Daily production	1000 T	1000 TP
Blocks of 20 x 20 x 40	4000	
Blocks of 15 x 20 x 40	5350	
Blocks of 10 x 20 x 40	8000	
Paving stones		120 to 180 m <sup>2</sup>

# Standard products, realizable with the "TB 1000"

For other models, please contact us.

Models	Types	Dimensions	Nbr.	Models	Types	Dimensions	Nbr.
	<b>Full</b> N°14	5x20x40 10x20x40 15x20x40 20x20x40	19 10 6 5		<b>Full</b> N°14	5x20x50 10x20x50 15x20x50 20x20x50	19 10 6 5
	<b>Full</b> N°14 JS	5x20x40 10x20x40 15x20x40 20x20x40	19 10 6 5		<b>Full</b> N°14 JS	5x20x50 10x20x50 15x20x50 20x20x50	19 10 6 5
	<b>Hollow</b> N°84 N°13	8x20x40 10x20x40	12* 10*		<b>Hollow</b> N°84 N°13	8x20x50 10x20x50	12 10
	<b>Hollow</b> N°13 JS	10x20x40	10***		<b>Hollow</b> N°13 JS	10x20x50	10**
	<b>Hollow</b> N°91	15x20x40	6*		<b>Hollow</b> N°91	15x20x50	6
	<b>Hollow</b> N°90 JS	15x20x40	6***		<b>Hollow</b> N°90 JS	15x20x50	6**
	<b>Hollow</b> N°5	20x20x40	5*		<b>Hollow</b> N°5	20x20x50	5
	<b>Hollow</b> N°4 JS	20x20x40	5***		<b>Hollow</b> N°4 JS	20x20x50	5**
	<b>Link block</b> N°141 N°142	15x20x40 20x20x40	6 5		<b>Link block</b> N°151 N°152	15x20x50 20x20x50	6 5
	<b>Hollow (beam)</b> N°116 N°120	16x20x52 20x20x52	6 4		<b>Hollow (formwork)</b> N°215 N°220	15x20x50 20x20x50	6 5

\* including one with cut

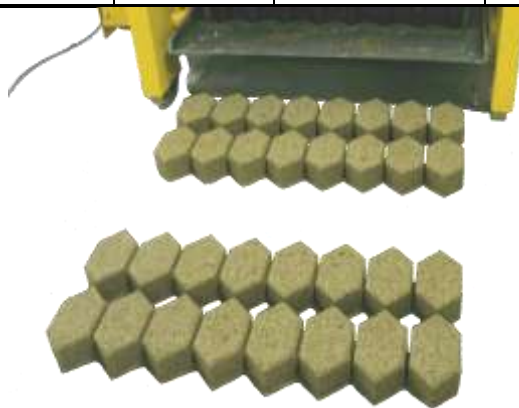
\*\* including one wall-end

\*\*\* including one with cut and wall-end

# Standard paving stones, realizable with the "TB 1000 TP"

*For other models, please contact us..*

Models	Type	Dimensions	Nbr. / laying
	<b>200</b>	110x220 th. 60 or 80mm	16
	<b>201</b>	144x220 th. 60 or 80mm	14
	<b>202</b>	110x220 th. 60 or 80mm	16
	<b>203</b>	140x200 th. 60 or 80mm	14
	<b>205</b>	120x200 th. 60 or 80mm	16
	<b>206</b>	110x110 th. 60 or 80mm	32
	<b>UNI</b>	1132x235 th. 60 or 80mm	14





# "TOUTAGGLO's" Materials

## "PM60-45" FIXED PRESS












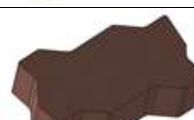

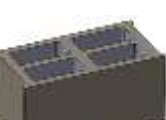
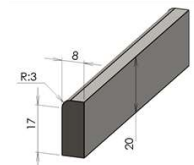
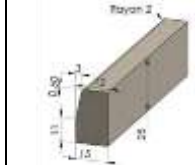

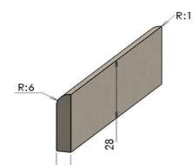
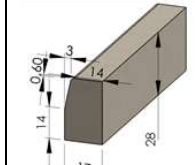

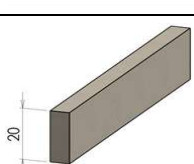

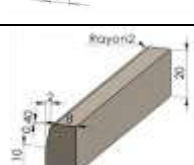
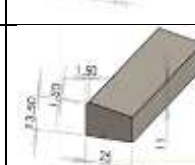
*For the production, on wood panels of any types of concrete elements.*



Caracteristics	
<b>Vibration</b>	monobloc vibrators - 2 x 270 W MONO 220 V or TRI 220/380 V
<b>Moulding surface</b>	600 x 450 mm
<b>Products' height</b>	from 40 to 200 mm
<b>Mould and rammer lifting</b>	manual by lever
<b>Dimensions</b>	1,16 x 1,10 x 2,28 m
<b>Weight with mould</b>	650 kg
<b>Panels' dimensions</b>	690 x 520 mm ép. 30 mm
<b>TRIEF panel's dimensions</b>	
<b>Daily production</b>	From 400 to 500 panels

# Standard products realizable with the "TOUTAGGLO" Fixed Press

For other models, please contact us.

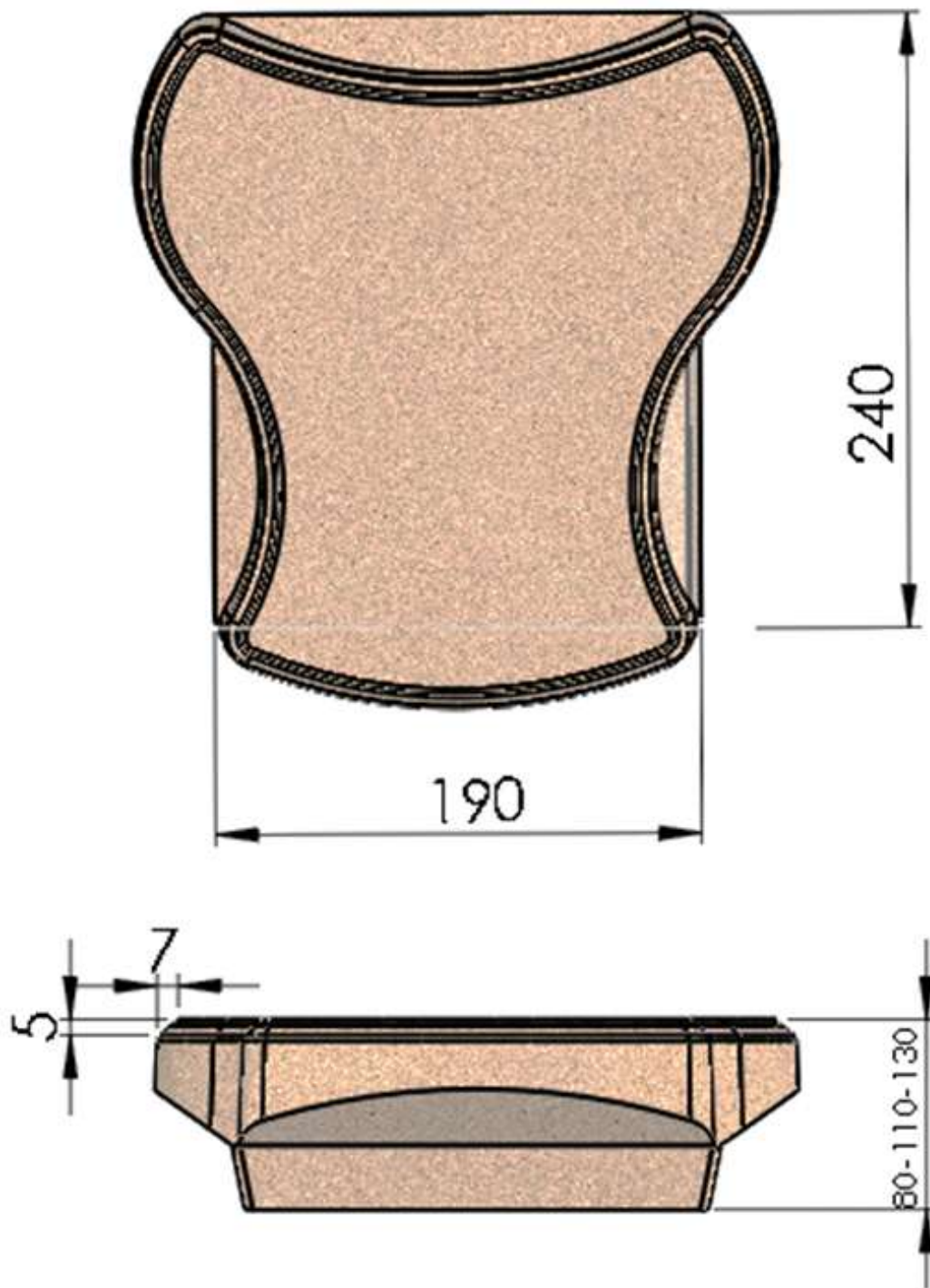
BLOCKS				PAVING STONES			
Models	Types	Dimensions	Nbr.	Models	Types	Dimensions	Nbr.
	<b>Full N°14</b>	5x20x40 10x20x40 15x20x40 20x20x40	11 6 4 3		<b>200</b>	100 x 200 th. 40 à 80 mm	10
	<b>Full N°14 JS</b>	5x20x40 10x20x40 15x20x40 20x20x40	11 6 4 3		<b>201</b>	144 x 220 th. 40 to 80 mm	8
	<b>Hollow N°84 N°13 N°13B</b>	8x20x40 10x20x40 12x20x40	7* 6* 5*		<b>202</b>	110 x 220 th. 40 to 80 mm	8
	<b>Hollow N°13 JS N°13B JS</b>	10x20x40 12x20x40	6*** 5***		<b>203</b>	140 x 200 th. 40 to 80 mm	8
	<b>Hollow N°91</b>	15x20x40	4*		<b>205</b>	120 x 200 th. 40 to 80 mm	8
	<b>Hollow N°90 JS</b>	15x20x40	4***		<b>UNI</b>	132 x 235 th. 40 to 80 mm	6
	<b>Hollow N°5</b>	20x20x40	3*	<b>EDGES et GUTTERS</b> (in length 50cm)			
	<b>Hollow N°4 JS</b>	20x20x40	3***		<b>P1</b>		<b>T2</b>
	<b>Link block N°141 N°142</b>	15x20x40 20x20x40	4 3		<b>P2</b>		<b>T3</b>
	<b>Hollow (beam) N°112 N°116 N°120</b>	12x20x52 16x20x52 20x20x52	3 2 2		<b>P3</b>		<b>CS1</b>
	<b>Hollow (formwork) N°212 N°215 N°220</b>	12x20x50 15x20x50 20x20x50	3 2 2		<b>T1</b>		<b>CS2</b>

\* including one with cut

\*\*\* including one with cut and end of wall

# "TRIEF" PAVING STONES, realizable with the "PM60-45" Fixed Press

*For other models, please contact us.*



# Standard confined blocks, realizable with the "PM60-45" Fixed Press

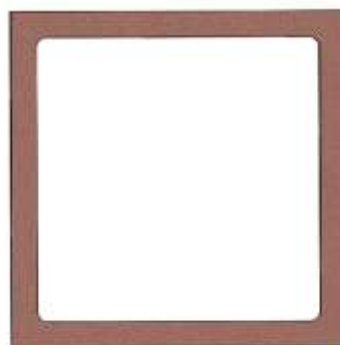
*For other models, please contact us*

**C2**



25 x 25 ép. :8 cm

**C4**



25 x 25 ép. :8 cm

**C8**



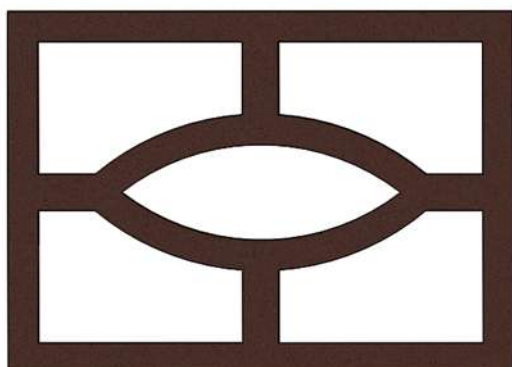
25 x 25 ép. :8 cm

**C10**



25 x 25 ép. :8 cm

**C13**



35 x 25 ép. :8 cm

**C23**



40 x 25 ép. :8 cm

# "TOUTAGGLO's" Materials

## "PB1000" EDGES' LAYING MACHINE

*For the production of edges and gutters,  
in length 50 or 100 cm.*



Caracteristics	
<b>Engine</b>	electric TRI 220 / 380 V – 0,75 kWh
<b>Vibration frequency</b>	4300 tr / min
<b>Moulding capacity</b>	
Length	1000 mm
Length	250 mm
Height	280 mm
<b>Dimensions</b>	1,05 x 1,14 x 0,46 m
<b>Weight with mould</b>	250 kg
<b>Daily production</b>	
Edges (1 u. / op.)	150
Half-edges (2 u. / op.)	300
Gutters (1u. / op.)	150



## GUTTERS & EDGES

(length. 50cm)

Models	Type	Models	Type
	P1		T2
	P2		T3
	P3		CS1
	T1		CS2

\*

*For other models, please contact us.*



# "TOUTAGGLO's" Materials

## VIBRATING TABLES

*For the production of any type of concrete elements,  
using manual moulds ( available on request).*



Characteristics					
Models	TV20	TV30	TV50	TV70	TV80
Engines (electric)	MONO 220 V - 1,1 KWh				
	TRI 220 / 380 V				
Vibration frequency	4300 tr / min		3000 tr / min		
Dimensions (mm)	500 x 1100	600 x 1200	800 x 1500	1000 x 2000	500 x 3000
Weight	85 kg	150 kg	260 kg	360 kg	310 kg

# "TOUTAGGLO's" Materials

## TY Moulds for pipes



**Moulds TY with deferred turning out, allows the manufacturing of half-fitting pipes.**

The average wait for the turning out of a pipe is about 48 hours (according to the climate), in these conditions, two bottom are required to produce one pipe a day.

Every steel mould includes:

- 1 internal coffering (nucleus)
- 1 outside coffering
- 1 cone funnel (for the filling of the mould)
- 1 trowel of sketch for the superior half-fitting
- 1 lissoir of finish of the superior fitting

**Mould for pipes Ø 500 mm th. 70 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 600 mm th. 70 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 700 mm th. 80 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 800 mm th. 100 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 900 mm th. 100 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 1000 mm th. 100 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 1100 mm th. 120 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)

**Mould for pipes Ø 1200 mm th. 120 mm\***

Bottom of mould - lower half-fitting

Vibrators (2) cabled with switch (TRI 220 / 380V - 0,8 kWh)



## TETRA STRUCTURE

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