



# TROUGHS AND PARTITIONS

## INTERNAL STRUCTURES

To complete the interior of pigsties Fattori srl produces partitions for the production of boxes and troughs for feeding.

The partitions, solid or perforated, are made in one piece up to a maximum length of 810 cm. They are anchored to the ground, to the wall and between one element and another with suitable stainless steel AISI 304 fasteners.

The trough is completely covered in 10/10 thick stainless steel, and is internally filled with Rck 15 concrete.

In the traditional system these elements are positioned after the installation of the grid and are anchored to it. With the new GF SYSTEM, the positioning of the new trough and partition supporting walls is carried out with specially provided dentils on which the grid is laid. Troughs and partitions rest directly on the walls, thus creating a much more flexible structure than the traditional method.

Each box is independent thus facilitating the operations of replacing the grids as required by law.

This structure also allows the separation of the wastewater in farming divided into several areas: an advantage in terms of hygiene-sanitation.

**It is an innovative system from a management point of view.**

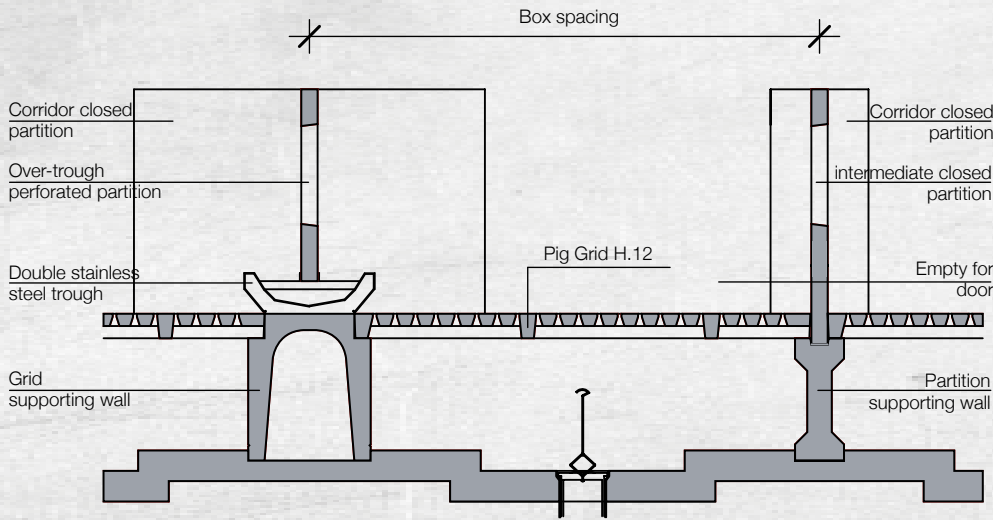


**FATTORI**  
SISTEMI E STRUTTURE IN CEMENTO ARMATO

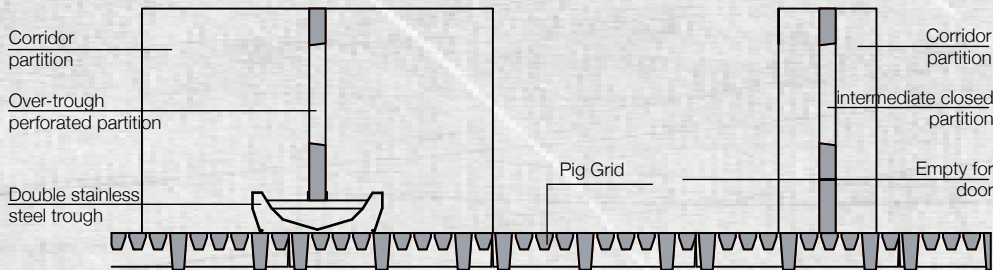
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# TECHNICAL SPECIFICATIONS

## PIG BOX WITH INTERCHANGEABLE GRID



## TRADITIONAL SYSTEM SECTION VIEW



### TECHNICAL CHARACTERISTICS OF THE ELEMENT

#### VARIABLE LIVE LOAD:

500 Kg/mq in addition to its own weight

#### CONCRETE:

R'ck formwork  $\geq 20$  N/mm<sup>2</sup>

R'ck in 28 day  $\geq 40$  N/mm<sup>2</sup>

#### STEEL B450C checked:

f<sub>yk</sub>  $\geq 450$  N/mm<sup>2</sup>

f<sub>tk</sub>  $\geq 540$  N/mm<sup>2</sup>

#### WELDMESH:

Steel B450A

**EXPOSURE CLASS** XC3

bar cover 2,5cm

bar free interspace  $\geq 2$  cm  $\geq \varnothing$  max

REI 30

#### TOLLERANCES

length  $\pm 1,0$  cm

height  $\pm 0,5$  cm

width  $\pm 1,0$  cm

mild reinforcement  $\pm 1,0$  cm

ITEM CODE	Type	Length cm	Width cm	Height cm	Weight Kg
MUROTRUOG72	stainless wall	600	60	72	2520/cad
MURDIV60	partition wall	600	24	60	1416/cad
DIVFO948	over-trough perforated partition	max 810	8	94	145/ml
DIVCH948	over-trough closed partition	max 810	8	94	180/ml
DIVFO1108	intermediate closed partition	max 810	8	110	175/ml
DIVFO1258	intermediate perforated partition	max 810	8	125	199/ml
DIVCH1108	intermediate closed partition	max 810	8	110	211/ml
DIVCH1258	intermediate closed partition	max 810	8	125	240/ml
DIVPENDI8	intermediate closed partition slope 2,5%	max 810	8	da 90 a 125	variable
DIVCO1106	Corridor closed partition	da 48 a 272	8	110	158/ml
TRUOGD6520	Double stainless	max 850	64	20	130/ml
TRUOGS3520	Single stainless	max 850	35	20	90/ml

The sizes shown are indicative, **FATTORI** reserves the right to make any changes at any time without prior notice.