



# PREFABRICATED BEAMS



## GRID SUPPORTING STRUCTURES

The prefabricated beam is produced by Fattori srl in accordance with the specific order from the customer: the capacity and the light of the element are adapted to the characteristics of the stall and in relation to the positioning of the element itself.

This module can reach the maximum length of 500 cm and is made with a suitable mixture for the environments in which it is intended to be placed.

It may be used to support the overlying grid or to create lanes with reinforced capacity by placing one element next to another and providing an appropriate slot.

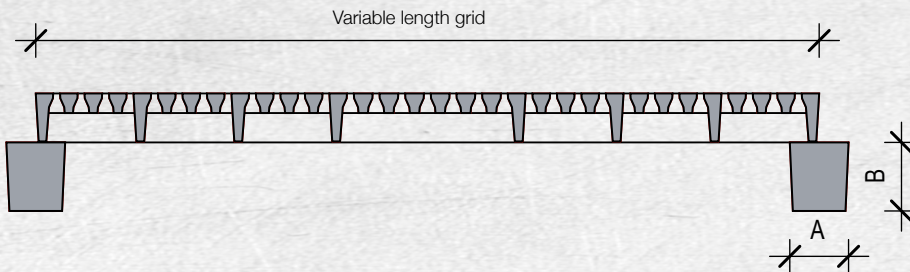
Standard heights are 35 cm or 45 cm but, upon request, it is possible to lower them on the supports to better meet the needs of the customer.



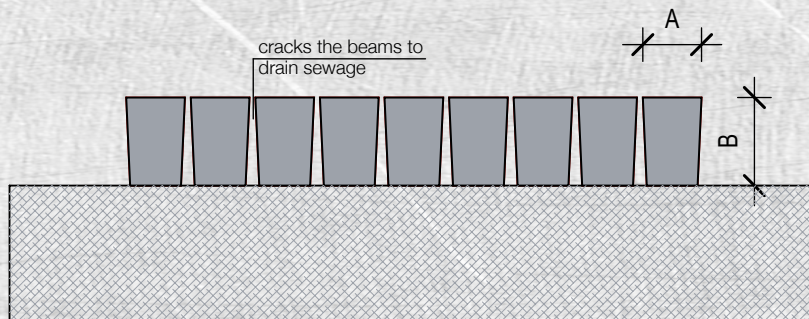
**FATTORI**  
SISTEMI E STRUTTURE IN CEMENTO ARMATO

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## BEAM AND GRID SECTION VIEW



## TRANSIT LANE FOR HEAVY VEHICLES FOR “UNIFEED”



### TECHNICAL CHARACTERISTICS OF THE ELEMENT

#### 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  $\geq \emptyset$  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	LENGTH max cm	A cm	B cm	Weight Kg/ml
TRAVE3530	500	30	35	252
TRAVE4530	500	30	45	324

The table shows the standard sizes; we can also produce non-standard sizes upon prior arrangements with our offices.

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