

## **THE TECHNICAL CHARACTERISTICS OF**

### **FLY II SEATING SYSTEM BY REAL**

#### **1. Structural Beam**

Structural Beam – rectangular shape steel profile - thickness of 3mm (80 x 40 x 3mm). The endings of beam are made of aluminum and mounted in a permanent way what prevents undedicated people from removing them. Additionally there is a metal sheet welded inside the beam so that any dangerous materials cannot be put inside.

#### **2. Seats**

##### **a) STEEL SEAT**

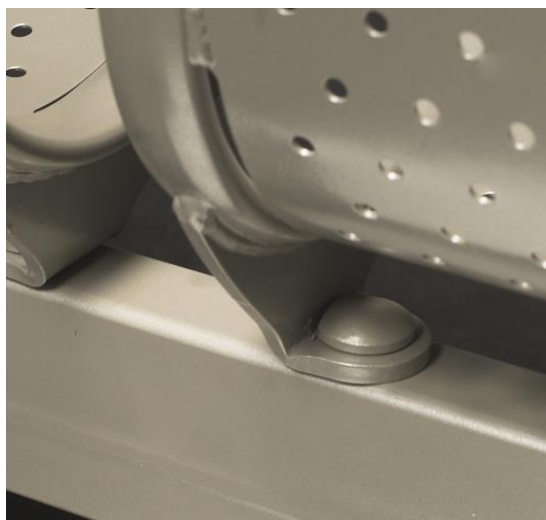
Seats are made of elliptic steel profiles 30 x 15mm connected to the perforated metal sheet. The perforation diameter is 5mm or 7mm according to the European safety standards what guarantees easiness in maintenance ( hard to put the gum or rests of food inside). It is possible to choose between the seat shell with gap between seat or backrest or without – the size of the gap is up to the Customer. The scope of dimensions is visible in technical drawings for a given model in Catalogue. It is possible to choose the version with plain metal sheet with no perforation.

The proposed type of seat is:

##### **1. Komfort (545mm – upper back support)**

The seats are mounted with the use of special steel fixing (2 special tempered bolts through structural beam) with span according to client's preferences. The screws are invisible for the users. It is definitely the most beneficial way of assembly as it guarantees the great conformity and easiness in assembly and service. (FLY II)

The seats are equipped with modular class one upholstery pads for seats and backrest made of class 1 artificial leather with or without horizontal sewings, available in all colors. The tone of colors of artificial leather can be defined by RAL.



### 3. Legs

The full solid core aluminum die-cast leg of the bench can be placed in any position on the beam (in the axle of the seat, on the edge or between first and second seat).

- A)** FLY II: Aluminum leg is mounted on the beam with clamping ring (2 special screws) or it is screwed together with an edge armrest.



#### 4. Armrests

The full solid core aluminum die-cast armrest made of die cast aluminum is an optional element of the bench. It is possible to use them as edge armrests or between each seat.

**A)** FLY II: Aluminum armrest are mounted on the beam with special aluminum clamping ring or screwed together with leg at the edges of the bench.

#### 5. Feet

The feet of the bench are made of anti-slip rubber thanks to what they do not scratch the surface. They can offer the height regulation and ground level recovery system. Air vacuum by the system of rows increases the stability and prevents the bench from any movement.



#### 6. Painting

**A)** The steel elements are specially prepared for painting with special shot blasting method which increases the adherence of the paint to the surface. It makes the paint much more resistant to any damage or stain.

**B)** The benches are powder coated with layer paint and then lacquered with highly tough and flexible lacquer resistant to UV radiation (always 2 layers). The colour can be chosen up to the client's preferences. The proposed models are powder coated with RAL 9007 colour.

7. Aluminum finishing for legs and armrests:

A. BRUSHED (ANODISED)

B. POWDER COATED

C. CHROMED



#### **8. Luggage shelf - OPTIONAL**

Luggage shelf can be mounted in any preferred position on the beam or between benches with special steel fixing ( 2 hardened screws). It can be made of steel, polyurethane or High Pressure Laminates in any dimensions. There are many types of HPL finishing available in the samper.



## 9. Connectors

In our offer the customer can find 2 types of connectors:

- A) Back – to – back connector allows to connect 2 or more benches in a safe way for the user.
- B) Line connector allows to connect the unlimited number of benches in rows.



10. Beam Cover: mounted with two standard screws from top and bottom side of the beam covered with leg with blinder/ leg with armrest.



## 12. CERTIFICATION:

Model FLY II in all configurations is fully certified for:

### A. RESISTANCE, DURABILITY, STABILITY according to the norms:

EN 15373:2007

EN 1728:2004

EN: 1022:2007

EN 12727:2004

**B. INFLAMMABILITY as per the norms:**

EN 1021-1:2007

EN 1021 -2:2007

BS 5852 SOURCES 0,1,5

**C. POSITIVE OPINION OF MEDICAL INSTITUTE FOR THE ERGONOMICS OF SEATING**

**D. CERTIFICATES FOR PAINT QUALITY**

**E. CERTIFICATE FOR LIQUID RESISTANCE:**

EN 12720 +A1:2014

THE DIMENSIONS OF THE PROPOSED MODEL CAN BE FOUND IN THE CATALOGUE ATTACHED TO THE OFFER.

**WE GIVE 10-YEAR GUARANTEE FOR THE SEATS AND 10-YEAR FOR METAL FRAME**

**13. DIMENSIONS AND TECHNICAL DRAWING:**

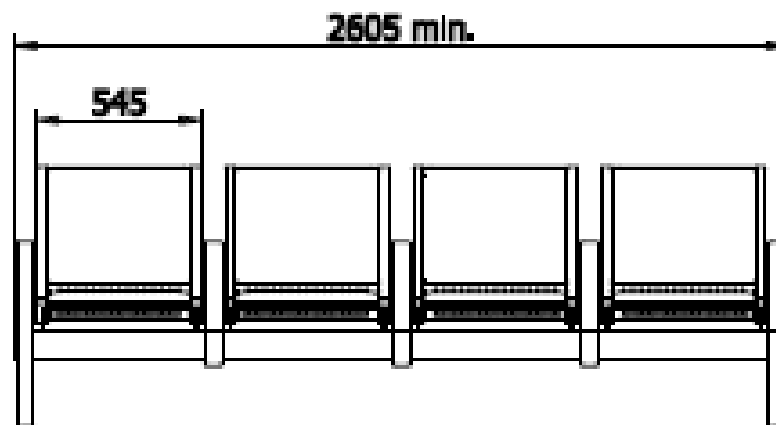
**4-SEATER UNIT WITH 5 ARMRESTS HAS GOT THE FOLLOWING DIMENSIONS:**

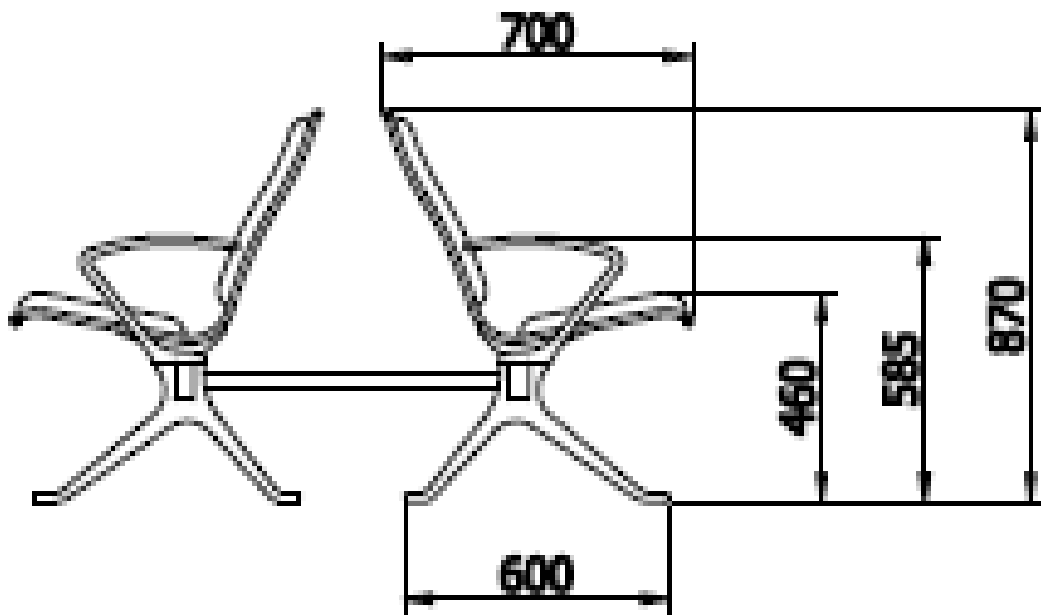
**LENGTH: 2605 MM**

**HEIGHT: 870 MM**

**DEPTH: 700 MM**

**SEAT WIDTH: 545 MM**





#### 14. PACKING INFORMATION:

PACKING INFORMATION – SEATS ARE PACKED IN WOODEN PALLET BOX WITH DIMENSIONS 1150 X 850 X 1250MM. ONE BOX CAN BE PUT ON THE OTHER (2300 X 850 X 1250MM)

ONE BOX HOLDS:

A. 18 SEATS FOR MODELS: FLY II (STEEL) + LEGS AND ARMRESTS

ONE TRUCK 12 M / 24 TONNES OR 40' HC CONTAINER CAN HOLD:

B. 1008 SEATS FOR MODELS: FLY II STEEL TOGETHER WITH LEGS, ARMRESTS, SCREWS AND BEAMS

PLEASE REFER TO THE ATTACHED PICTURES FOR PACKING INFO.



**15. POWER SOLUTIONS**

The offer includes the power socket made in UK standard and double USB socket for charging devices made by German BERKER company in series K5 stainless steel INOX.



**16. Weights:**

6 seater		5 seater		4 seater		3 seater		2 seater	
Kg	112	kg	88	Kg	78	kg	62	kg	44