

BALANCE

# Balance Trunk

Your ally for pelvic assessment and training



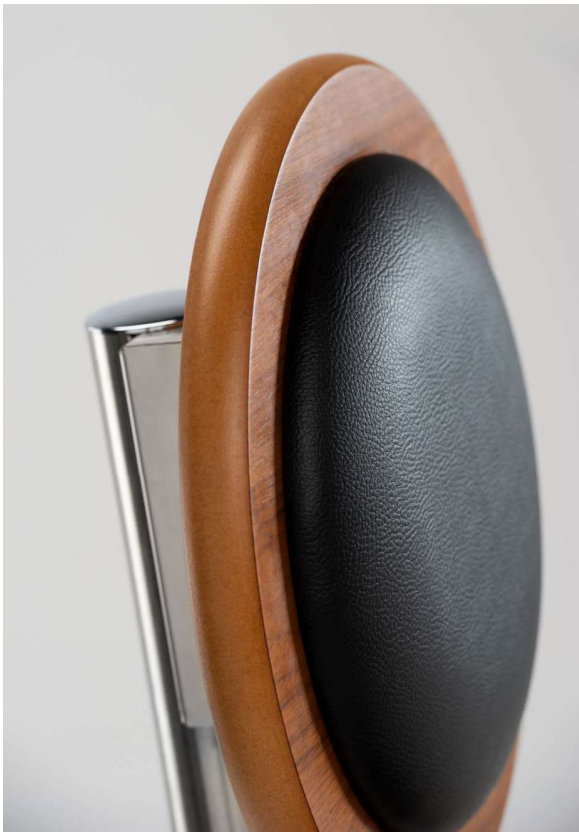


Balance Trunk is a system for proprioception able to give direction on quantity and quality on the **perception of the pelvic movement**.

The pelvis, fundamental transducer joint of the **Core Stability**, finds an evaluative and training instrument at the same time. The main reinforcement, the lumbar stabilization and all the development principles of a strong core engine now overcome the boundary of muscular conditioning and focus on motor control.

A dynamic seat of balance with adjustable height, a trunk sensor, **10 levels of instability regulation** and much more are the elements integrated with the PC.

These are functional elements to the modularity of a precise product, perfect also for kids' rehabilitation, thanks to the possibility of **training the balance** through games, attractive graphics, and a playful approach.



# Assessment



The software is equipped with a lot of programs of assessment that allow to exactly understand what the patient's **mobility and proprioceptive conditions** are. The sensorimotor assessment includes incremental **difficulties test**.

# Training



Training modules are able to catch the attention of the patient during the training sessions and to **keep high his level of concentration**, and meanwhile, to make the patient escape from the classic motor re-educational session.



## Datasheet

Balance Trunk is a dynamic system of assessment and training in a sitting position.  
Balance Trunk is also part of the Postural/Functional Circuit.

- 21.5" touchscreen display with 1600x900 pixel resolution
- Dynamic seat with 40cm diameter, adjustable height from 41 to 60cm
- Trunk Sensor
- Connection to TBMS by TecnoBody Key



### System Specifications:

- Dimensions: 120cm x 120cm x 130cm (Length x Width x Height)
- PC Support: 70cm x 85cm
- System Weight: 200 kg
- Adjustable seat height: 41-60 cm
- Dynamic Seat Balance
- Application use in sitting position
- 10 different selectable levels of instability
- Total Weight Measurement: 150 kg (0.5kg)
- CoP Resolution: 0.1 mm
- Seat Tilt Measurement: +/- 15° (maximum resolution of 0.1° and 0.5° precision)

- Trunk Sensor with detection angles of + / -30° AP - ML with 0.1° resolution
- Sampling frequency: 20 Hz
- Connecting to a PC by Serial Cable RS232.
- Voltage supply: 220-240 VAC, 50 Hz • Current: 1.5 A
- Power: 200 W
- Directive 93/42/EEC – CLASS I m
- Normative EN 60601-1 CLASS I - Type B
- Basic UDI-DI: 08055715880081