



AVAILABLE MACHINES ON STOCK
SPC-S5-15 Core-Shooting machine



**FOUNDRY
AUTOMATION**

CORE SHOOTER MACHINE

Type: **SPC-S5-15** –Firing valve SGV-15

- 1. Hopper capacity 60 litres
- 2. Bench closing force ca. 2950 daN
- 3. Clamp closing force ca.1200 daN
- 4. Shooting capacity 5-15 litres
- 5. Bench vertical stroke 200 mm
- 6. Clamp cylinder stroke 200 mm
- 7. Clamp panel size 300x500 mm
- 8. Max clearance between clamp panel 600/700 mm
- 9. Vertical stroke of the lower ejector plate 50 mm
- 10. Max clearance between bench and gassing plate 500 mm
- 11. Total weight of machine ca. 3500 kg

Core box sizes and weight

- 12. Max. width of the horizontal joint (without clamps) 500 mm
- 13. Max. Length of the horizontal joint 500 mm
- 14. Max. Height of the horizontal joint 400 mm
- 15. Max. Width of the vertical joint 500 mm
- 16. Max. Height of the vertical joint 400 mm
- 17. Max. thick vertical joint 300 mm
- 18. Useful shooting surface 400x300 mm
- 19. Useful gassing surface 400x300 mm
- 20. Max core-box weight 350 Kg

Cycle times

(without shooting, exhaust, gassing, blowing and spraying)

- 21. Machine cycle timeca.15-18 seconds

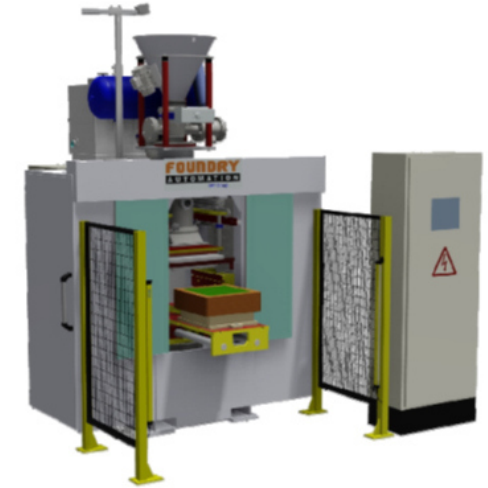
Note:Gassing and core making times depend on the type of core-box and on the gassing and mixing systems used.

Required energy

- 22. Required aspiration from the box ca. 2500 m3/h
- 23. Air consumption – permanent working at 6 bars ca. 5 m3/h
- 24. Installed power at 400V – 50 Hz (wit gas generator)ca. 10 kW

Hydraulic oil tank

- 25. Working air pressures 6 bar
- 26. Tank capacity 20 litres
- 27. Recommended hydraulic oil Mobil Hydraulic Oil Medium – ISO VG 46

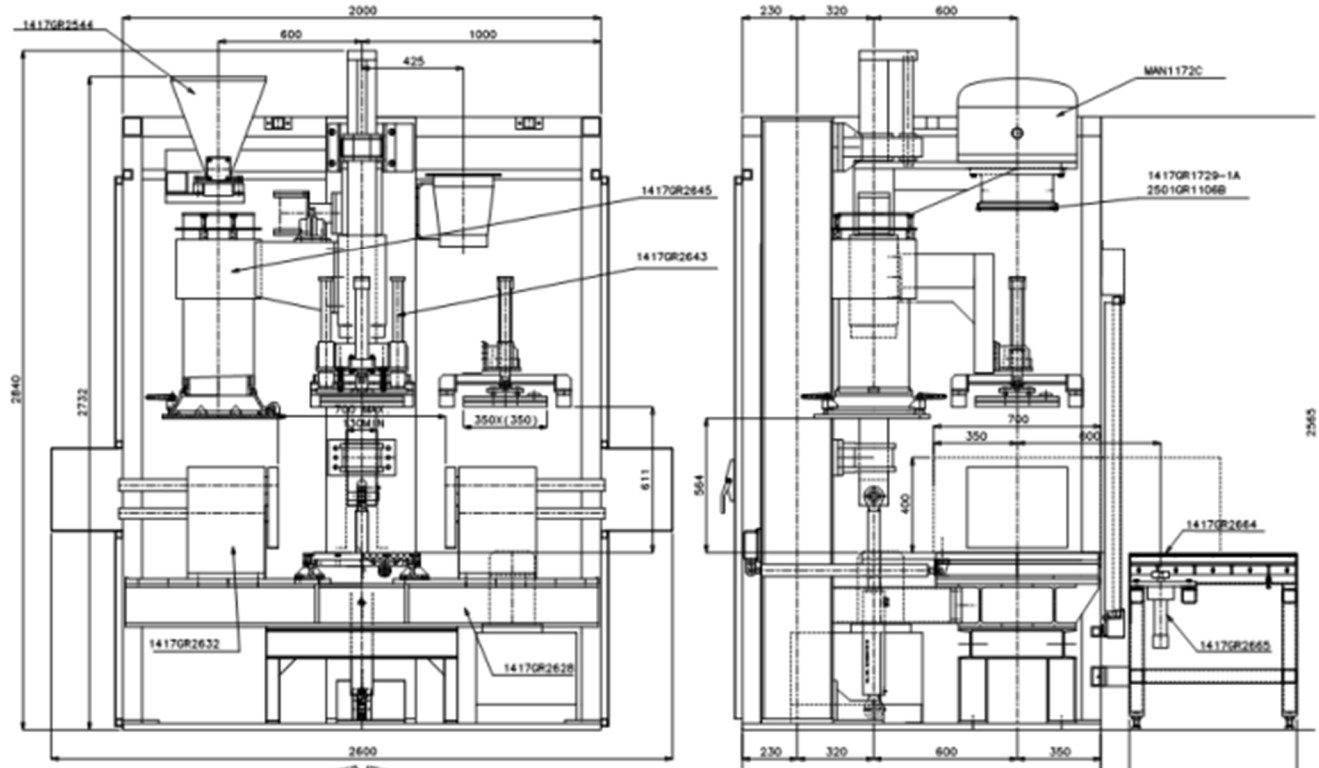


AVAILABLE MACHINES ON STOCK
Mono 35 Core-Shooting machine



	MONO
SHOOTING HEAD CAPACITY	35 litres
CLAMPS MAX OPENING	700 mm
CORE BOX DEPTH /HEIGHT	700 x 700 x 400mm
AIR CONSUMPTION	90 litres/cycle at 6 bars

THE MONO 35 CORE SHOOTING MACHINE COMES FROM THE DISCO, OF WHICH IT MAINTAINS THE GREAT VERSATILITY, WITH INCREASED USE AND MAINTENANCE. THIS ONE-STATION MACHINE IS SUITABLE FOR THE PRODUCTION OF SMALL AND MEDIUM SIZE CORES; THE CORE BOXES CAN BE MADE OF WOOD, RESIN OR METAL



CHARACTERISTICS

OPTIONAL

DIMENSIONS, MECHANICAL FEATURES, WEIGHT

CORE BOX DATA

MACHINE FOR THE PRODUCTION OF HORIZONTALLY AND VERTICALLY PARTED CORES, COMPLETE WITH: MAGNETIC SEPARATOR FOR AUTOMATIC OPENING AND COLLECTION OF THE COPE, HYDRAULIC CLAMP WITH MECHANICAL CLAMPING, SLIDING TABLE WITH MECHANICAL FIXING AND HYDRAULIC SYSTEM FOR CORE EJECTION.

MAGNETIC JAWS
VENTILATOR

WIDTH **2600 mm**
DEPTH **1500 mm**
HEIGHT **2840 mm**
WIDTH OF EJECTION TABLE **618 mm**
DEPTH OF EJECTION TABLE **1260 mm**
USEFUL SHOOTING AREA **DIAM 330 mm**
SHOOTING PLATE **P500 mm x L 500 mm**
USEFUL GASSING AREA **300 mm x 300 mm**
GASSING PLATE **350 mm x 350 mm**
CLAMPS DIMENSIONS **P 420 mm x H 350 mm**
CLAMPS OPENING **Max 700 mm – Min 130 mm**
USEFUL TABLE DIMENSIONS **P 700 mm x L 406 mm**
WEIGHT **4500 kg**
MECHANICAL CYCLE TIME **45/50 sec**

CORE-BOX MAX DIMENSIONS

P 700
L 700
H STANDARD 400/500

H SPECIAL VERSION 635