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Ref. No.:  
518-04291620

## Overview and Technical Data:

# ARBURG - Allrounder 310-210-750

[ARBURG](#)

# ARBURG



Year of Build:  
Jan 1983

## Description:

Used ARBURG Allrounder 310 210 750 Injection Molding

- Super reliable Hydronica series (hydraulic clamp)
- Dialogic microprocessor controls with CRT
- Mold setup memory via standard 3.5 inch diskettes. Each diskette stores individual mold setup parameters for up to 60 molds.
- Proportional valves for infinitely variable speed and pressure controls

#### CLAMPING UNIT

- \* Clamping force/Locking force max. 83 tons
- \* Closing force max. 36.8 kN
- \* Mold protection force 3.5-6.8 kN
- \* Opening force max. 36.8 kN
- \* Increased opening force max. 194 kN
- \* Opening stroke (adjustable) max. 375
- \* Mold height min. 250 mm
- \* max. Daylight between plates 625 mm
- \* Daylight between Tie-bars 320x320 mm
- \* Dimensions of Plates (hor. x vert.) 490x490 mm
- \* Ejector Force max. 38 kN
- \* Ejector Retract Force max. 26.7 kN
- \* Ejector Stroke (hydr. Ejector) max. 150 mm

#### INJECTION UNIT

- \* Screw Diameters available 25 mm
- \* Screw Length L/D 24
- \* Screw Stroke max. 150 mm
- \* Dosage Volume max. 73 ccm
- \* Shot Volume max. 59 ccm
- \* Shot Weight 61 gPS
- \* Injection Force max. 145.1 kN

- \* Injection Pressure max. 2950 bar
- \* Injection Flow Speed max. 79 ccm/s
- \* Injection Flow Speed w/Accumulator max. 196 ccm/s
- \* Back Pressure max. 460 bar
- \* Screw Rotation max. 570 RPM
- \* Circumferential Speed of Screw max. 44.7 m/min.
- \* Screw Torque max. 365 Nm
- \* Nozzle Contact Force max. 72.3 kN
- \* Nozzle Retract Stroke max. 180 mm
- \* Cylinder and Nozzle Heating  $3 \times 1750 + 310 = 5560$  watt

\* Volume of Feed Hopper 50 litre

#### HYDRAULIC, DRIVE UNIT, DIMENSIONS

- \* Pump motor, Power Consumption 15 kW
- \* Hydraulic Oil Volume 220 litre
- \* Dry Cycles .. 2.0 s
- \* Total Power Consumption 21 kW
- \* Length x Width of Machine 4.3 x 1.65 m
- \* Height with hor./vert. Injection 2.0/3.25 m
- \* Weight without hydraulic Oil 2400 kg

#### **Technical Data:**

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Control:  
[CNC](#)

#### **Dimensions and Weight:**

Weight:  
2.400 kg

#### **Buyer Information:**

Condition:

[Normal wear](#)

Available:

[Immediately](#)

Sold as:

[Free Loaded on Truck \(LOT\)](#)

VAT:

[21 %](#)

Buyers Premium:

[15 %](#)

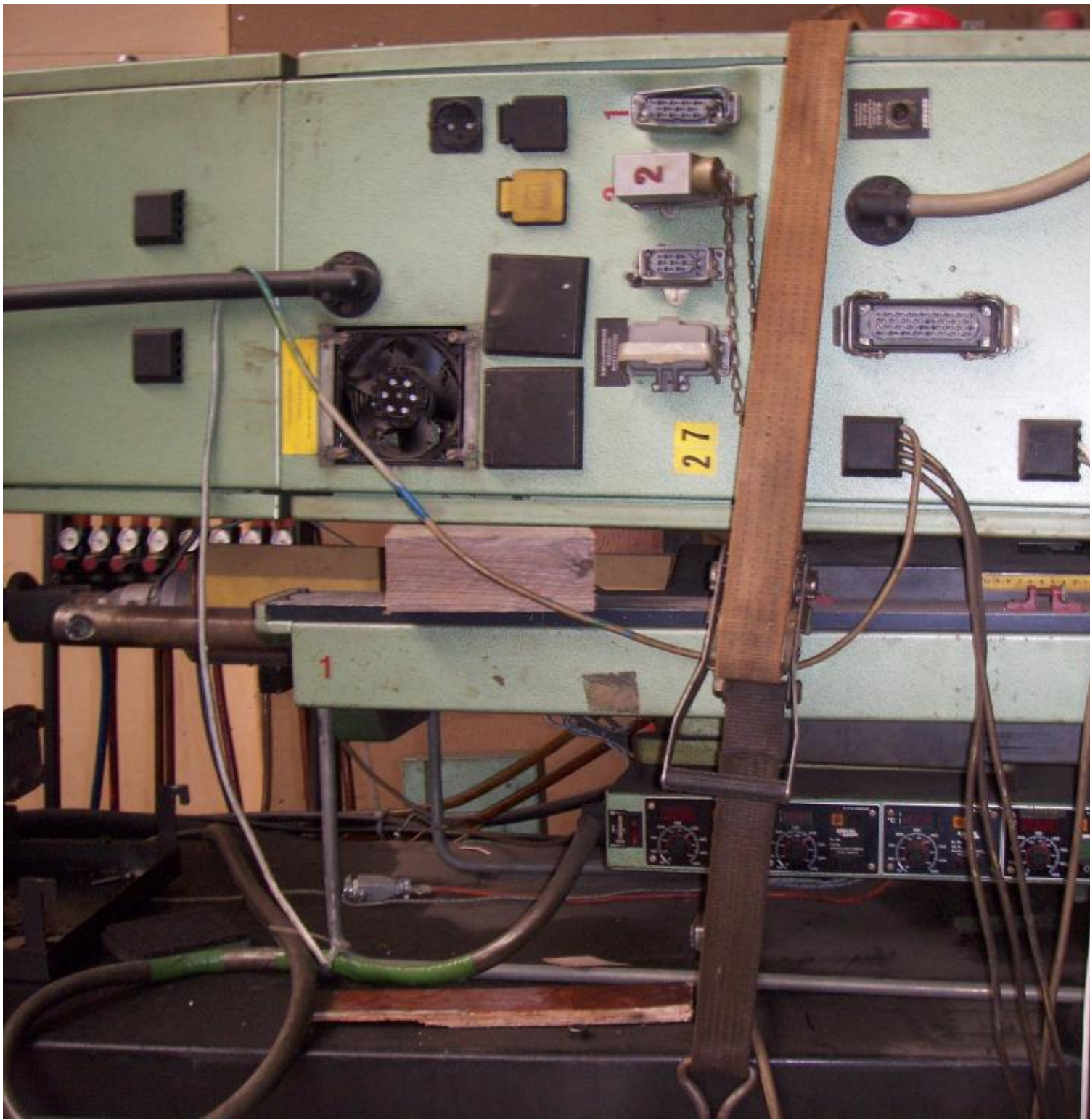
Location:

Germany

**Images:**



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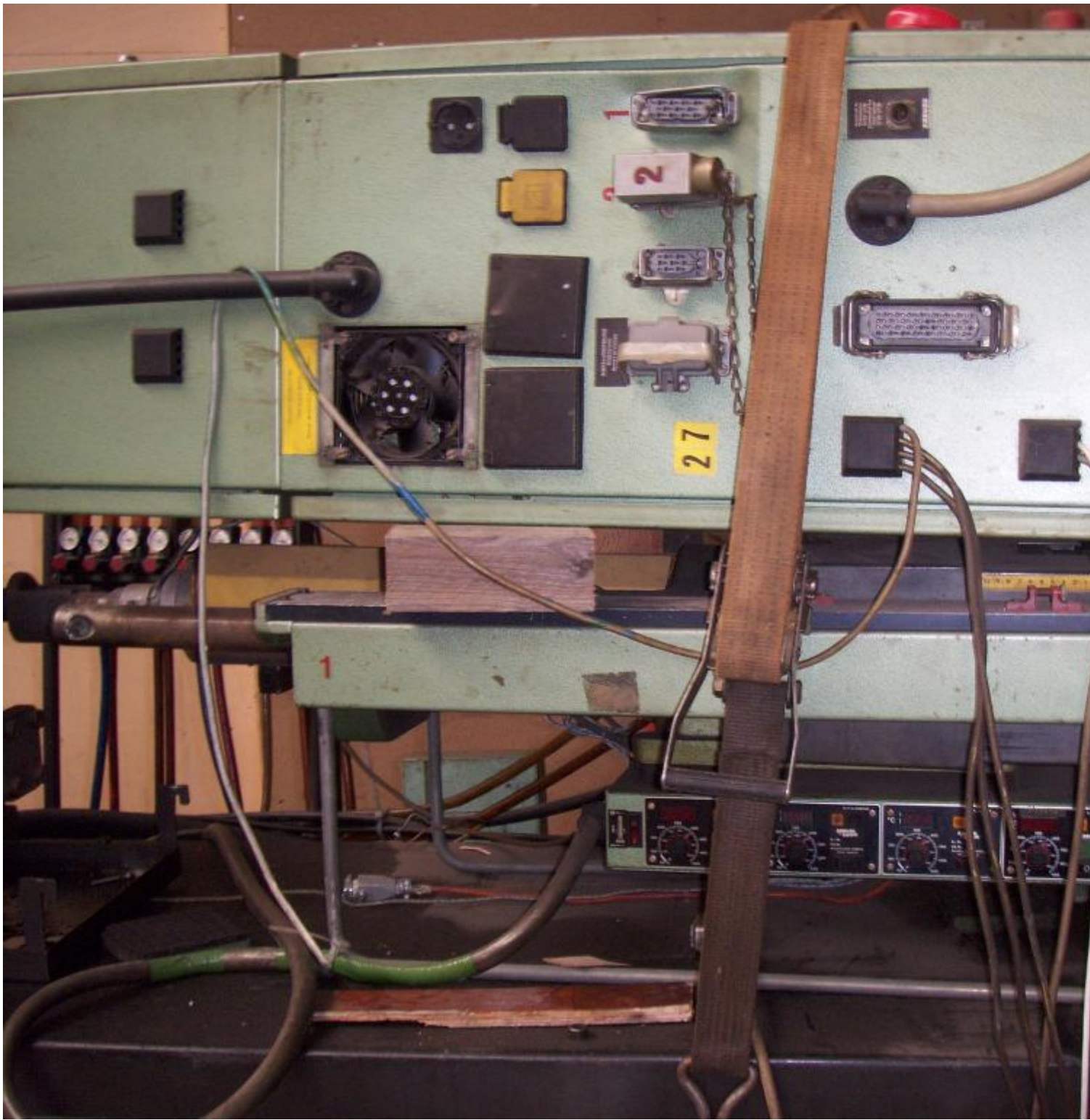
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Generated on 09.06.2026

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