



AGILE, ROBUST,
SMART LAB SYSTEM.
SUSTAINABILITY AND RESILIENCE.

AL VER DROP WEIGHT TEST MACHINE

Standards

ISO 3127, ASTM D 2444

Alarge AL-VER machine compliance with ISO 3127, EN 744, EN 1411 ASTM D 2444 standards and is created for determining the drop impact resistance of corrugated pipe, water supply pipe and plate. Database management, system/neural network.



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AL VER DROP WEIGHT TEST MACHINE

TECHNICAL SPECIFICATIONS



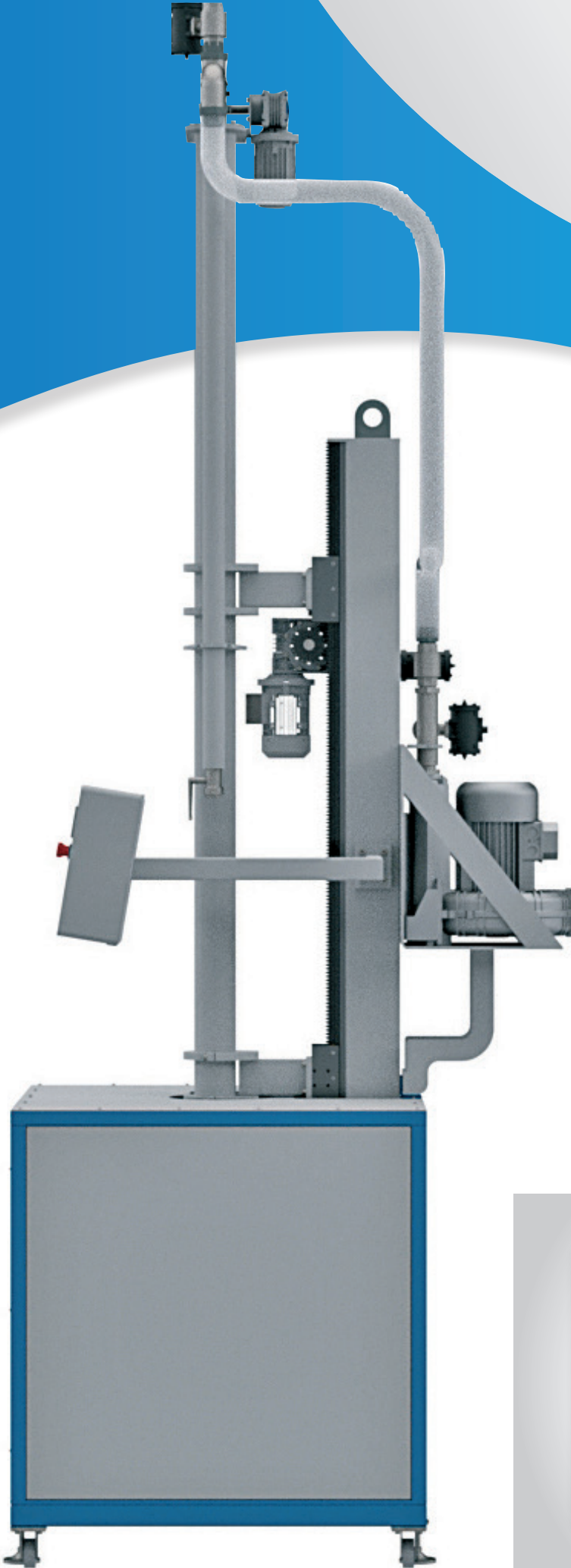
SPECIFICATIONS

- ✓ Automatic drop counting
- ✓ Vacuum system
- ✓ Automatic height adjustment
- ✓ Safety cabinet
- ✓ User-friendly, easy operation
- ✓ PLC control system
- ✓ Automatic by-pass

TECHNICAL SPECIFICATIONS

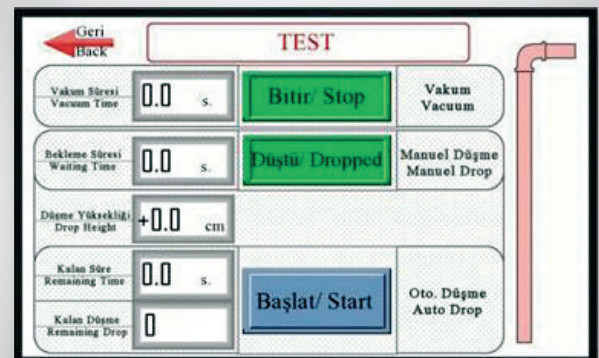
- ✓ 0-99 impact number
- ✓ 1.6 kW vacuum pump
- ✓ Flow rate of 210 m³ / h
- ✓ 0-200 mbar vacuum pressure
- ✓ 5.4" / 7" Touch screen
- ✓ PLC control, 400 Mbps data rate

PLC SOFTWARE



PLC SOFTWARE FUNCTIONS

- ✓ Determination of pipe diameter and type
- ✓ Real-time height display
- ✓ Standby time
- ✓ Drop height
- ✓ Vacuum time setting option
- ✓ Remaining test quantity
- ✓ Analysing test results



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AL VER DROP WEIGHT TEST MACHINE TECHNICAL SPECIFICATIONS

MODEL	AL-VER B	AL-VER D
Max. Drop Weight (kg)	16	16
Max. Drop Height (mm)	2000	2000
Height Accuracy (mm)	10	5
Max. Impact Speed (m/s)	20	20
Radius of Weight Curvature (mm)	100	100
Support Distance (mm)	600	600
Sample Center Deviation	10	1
Buton Control	✓	✗
PLC Control	✗	✓
Touch Screen	✗	✓
Standarts	EN 744, EN 1411, ISO 3127, ASIM D 2444	
Weight (kg)	200	200
Power (W)	320	320
Voltage	220V	220V

Available ✓ Optional □ Not Applicable ✗

Technical Identity:

**High precision testing process.
Vacuumed system. Air releasing
control system**

Usage Identity:

**User friendly with PLC
controlled touch screen.
Complete automatic control.
Database management, system
network.**

