



DRY ICE MANUFACTURING SYSTEMS

DS500E

**DIRECT TO DRY ICE SLICE,
NO STOPOVERS**



**Stand under the DS500E
is not included.*

ALL-IN-ONE SYSTEM PRODUCE & DOSE DRY ICE SLICES DIRECTLY INTO PACKAGING

FULLY AUTOMATIC

Requires no hydraulic pressure to produce dry ice slices.

AUTOMATIC SLICE WEIGHT ADJUSTMENT VIA HMI SCREEN

Vary slice weight from 0.5 to 2.2 lbs (.25 to 1 kg).

2 SLICE PRESS HEADS

To predefine slice weight.

SUB-COOLING TECHNOLOGY

Lowest LCO₂ conversion factor available (2.2 to 1).

SERVO TECHNOLOGY

For fast and precise motion control.

SLICE PRODUCTION RATE

Up to 1,102.31 lb/hr (500 kg/hr) of high quality dry ice slices

DRY ICE SLICE

5 x 5 x .5 in (125 X 125 X 15 mm)
to 5 x 5 x 2.3 in (125 X 125 X 60 mm)
0.5 to 2.2 lbs (.25 to 1 kg)

MACHINE DIMENSIONS

Length x Width x Height
52.5 x 52.5 x 95 in
1,330 x 1,330 x 2,410 mm
Weight: 2,888 lb (1310 kg)

POWER SUPPLY

400 - 480 V AC +N + PE, 50-60 Hz
TN-S Earthing system / Solidly
Grounded Wye. 3 Phase Neutral +
GND wire

RATED POWER

Imax. 40 A

AMBIENT TEMPERATURE

41 - 104 °F (5 - 40 °C)

HMI SCREEN

15.6" display 1,366 x 768, Display only,
multi-finger touch screen

NOISE LEVEL

Below 75 dB(a)

LIQUID CO₂ PRESSURE

13 - 18 bar -30 to -20 °C
189 - 261 psi -22 to -4 °F

FLOW RATE MINIMUM

2204 lbs/hr (1000 kg/hr)

AIR QUALITY

ISO 8573-1, Class 2 or better.

PIPE SYSTEMS

LCO₂ Line Size: 25 mm (0.98 in)
LCO₂ Connection: EU: 3/4 in BSP
US: 3/4 in NPT
LCO₂ Line Insulation: Min 75 mm (3.0 in)
Industrial Insulation (Urethane Foam -
PVC/Alu jacket).