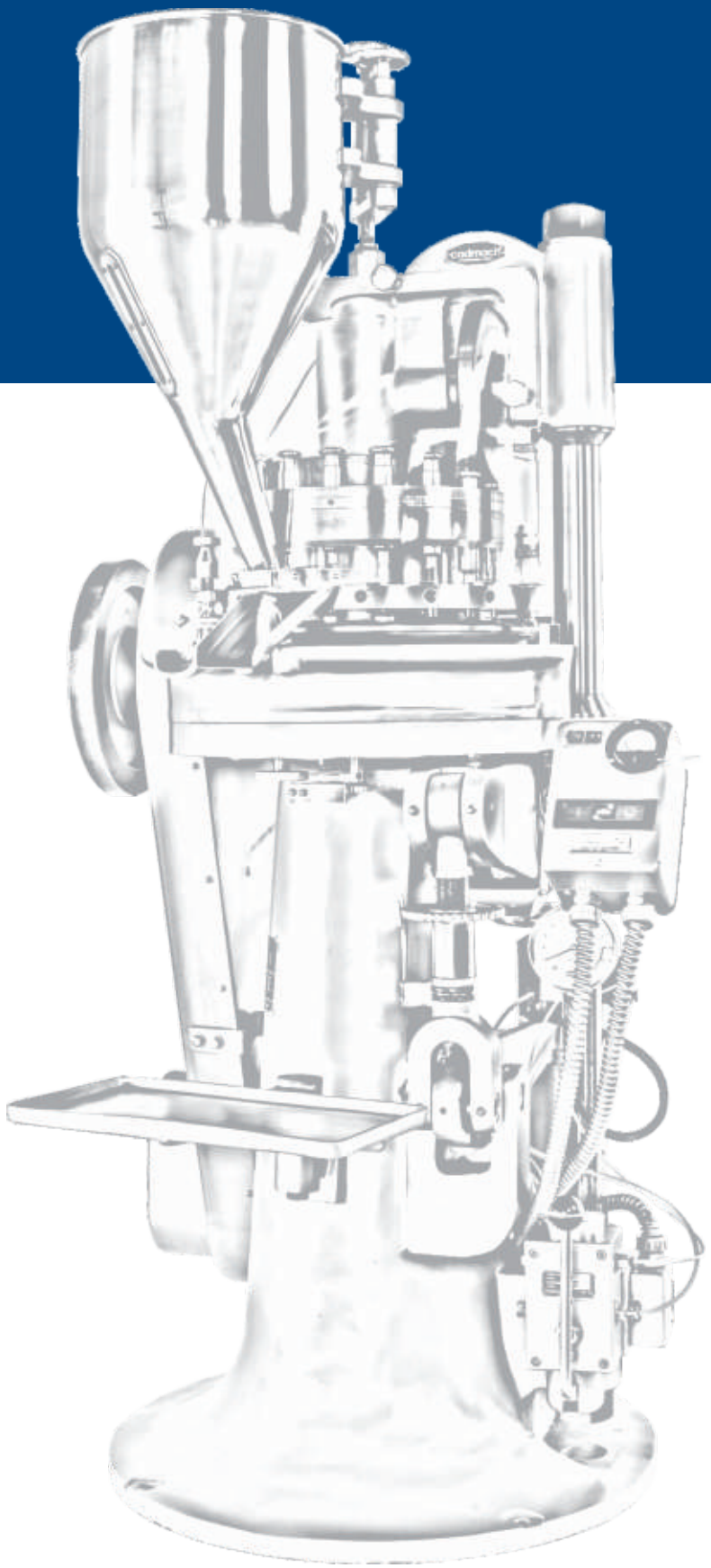
CADMACH

CMD 3

ROTARY TABLETING MACHINE



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MACHINE CONSTRUCTION

The machine is designed to enable maximum cleanliness in operation and accessibility, thus, offering tremendous ease in maintenance. The use of Alloy Steel provides maximum resistance to wear and tear in the Cam Tracks,Pressure Roll and other parts. The Gear Box Assembly is fitted with a phosphorous bronze worm, worm shaft with ball bearings and a flywheel.

a) Adjustment

Weight and pressure adjustments are extremely simple and are possible even during the operation of the machine which is built to a high degree of accuracy.

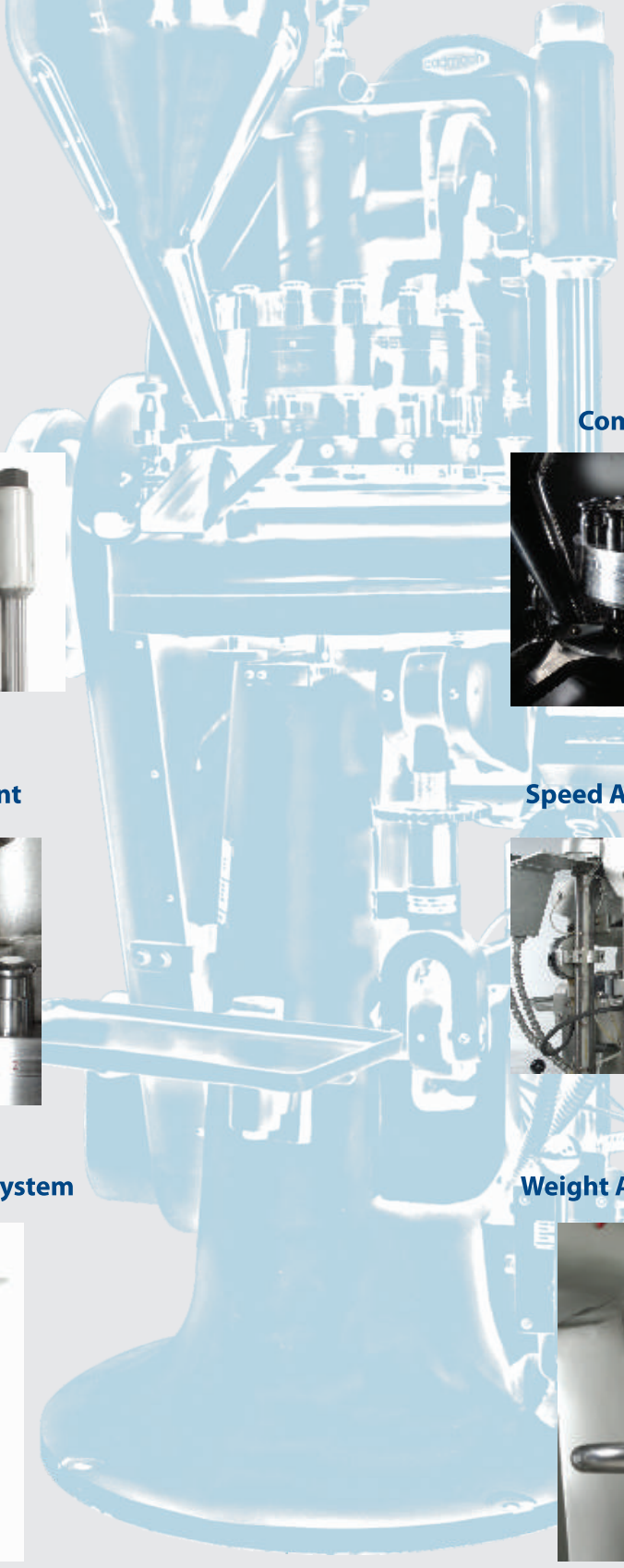
b) Lubrication

The machine has a one shot/forced feed lubricating system for all pressure pins. Adequate lubrication is provided to the punch heads.

Output

The machine is designed to produce tablets upto 25 mm in diameter. It can generate an output of 14,400 to 28,800 tablets per hour and has a maximum operating pressure of 10 tons. The output is determined by the required shape & size of the tablet, material to be compressed and the pressure to be applied. The automatic and adjustable overload pressure release mechanism offers protection against excessive pressure to both the machine and the punches

CMD 3 Rotary Tableting Machine is a Rigid-design, Highfinish, High-precision Tablet Compressing Machine. The 16 station tableting machine offers variable speed drive and incorporates the latest improvements in precision engineering lubrication and construction



Feeding System

Compaction Zone

Punch Arrangement

Speed Adjustment System

Pressure Adjustment System

Weight Adjustment System

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TECHNICAL SPECIFICATIONS:

Type	CMD3 - 16	CMD3 - 23
Number of Station	16	23
Type of Tooling	D	DB
Output (Tablets/Hr)*		
Maximum	28800	41400
Minimum	14400	20700
Max. Operating Pressure (KN)	100	100
Max. Tablet Diameter (mm)	25	16
Max. Depth of Fill (mm)	19	17

*Depending upon Tooling Size, Shape and also Material Characteristics.

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