



興澤精密有限公司 **SHING TSE PRECISION CO., LTD.**

台中市北區大仁街 81 號

81 Tajen St, N, Dist., Taichung, Taiwan

Tel:886-4-23227637 Email:shingtse@ms23.hinet.net Http:// www.shingtse.com

THREE-LAYER TABLETS & THREE-OUTLET HIGH SPEED ROTARY TABLETING MACHINE
TCS-HRT31BD3-SS TCS-HRT39BD3-SS TCS-HRT47BD3-SS

FUNCTIONS

- The machine is for making high production, high hardness and high precision of one, two and three-layer tablets.
- Applicable to production of tablets for food, medicine, chemical and etc.

FEATURES

- Electrical control digital display meter adjusted device and button adjusted device are for adjustment in the hardness, thickness and weight of pastilles.
- Machine has three functions and can produce one/two/three layer tablets.
- Equips with three sets of pressing wheels with large-diameter design; the pressure of 3 sets of pressing wheels is the same with 10,000kg to steady the hardness of tablets.
- Large hopper and new three-phase feeding design are easily detachable and undetachable.
- Can use optional fixed amount feeding device to easily assemble and disassemble.
- Tableting area separates from rotary gear to reduce noise (it is a split-type).
- Easy operation & cleaning as well as meet PIC/S GMP standards.





興澤精密有限公司 SHING TSE PRECISION CO., LTD.

台中市北區大仁街 81 號

81 Tajen St, N, Dist., Taichung, Taiwan

Tel:886-4-23227637

Email:shingtse@ms23.hinet.net

Http:// www.shingtse.com

THREE-LAYER TABLETS & THREE-OUTLET HIGH SPEED ROTARY TABLETING MACHINE TCS-HRT31BD3-SS TCS-HRT39BD3-SS TCS-HRT47BD3-SS

SPECIFICATION

SPEC/MODEL	HRT31BD3-SS	HRT39BD3-SS	HRT47BD3-SS
TABLET TYPE	THREE LAYER		
NUMBER OF STATION	31	39	47
PUNCH TYPE	D	D,B	BB
MAX. DIA. OF TABLET	25mm	16 mm, 19mm(caplet)	13mm
DEPTH OF POWDER FILLING	2 ~ 19 mm, 2 ~ 17 mm		
ONE-LAYER TABLETS, THREE OUTLETS PRODUCTION CAPACITY (TABLET/HR)	60,000 ~ 210,000	75,000 ~ 264,000	93,000 ~ 321,000
TWO-LAYER TABLETS, ONE OUTLET PRODUCTION CAPACITY(TABLET/HR)	20,000 ~ 70,000	25,000 ~ 88,000	31,000 ~ 107,000
THREE-LAYER TABLETS, ONE OUTLET PRODUCTION CAPACITY(TABLET/HR)	20,000 ~ 70,000	25,000 ~ 88,000	31,000 ~ 107,000
RPM OF TURRET	11 ~ 38 RPM		
MAX. MAIN PRESSURE	10,000 KGS		
MAX. PRE-PRESSURE	10,000 KGS		
OVERALL LENGHTS OF UPPER & LOWER PUNCHES	133.35 mm , 133.6 mm		
DIAMETERS OF UPPER & LOWER PUNCHES	25.4mm	25.4mm, 19mm	19mm
THICKNESS OF DIE	23.81mm	23.81mm, 22.22mm	22.22mm
DIAMETER OF DIE	38.1mm	30.16mm	24mm
POWER	3 HP 6 pole		
MACHINE SIZE (L x W x H)	990x1,280x1,770 mm		
PACKING SIZE (L x W x H)	1,250x1,500x2,200 mm		
MACHINE TOTAL WEIGHT	3,300 KG		

Remarks: Output is available according to powder character and the evenness of powder granules;
the specifications can be modified by manufacturer as needed.

*Punches and dies are available according to purchasers' requirements.



興澤精密有限公司 SHING TSE PRECISION CO., LTD.

台中市北區大仁街 81 號

81 Tajen St, N, Dist., Taichung, Taiwan

Tel:886-4-23227637 Email:shingtse@ms23.hinet.net Http:// www.shingtse.com

THREE-LAYER TABLETS & THREE-OUTLET HIGH SPEED ROTARY TABLETING MACHINE

TCS-HRT31BD3-SS TCS-HRT39BD3-SS TCS-HRT47BD3-SS

Features explanation

Pre- & Main -pressure and weight adjustment

- Use humanity electronic digital meter to display precisely, push button & labor-saving adjustment design.
- It is easy to control tablet production data and record QC efficiently.
- Can input the recorded data to save the tableting time when the sizes of powder granule are the same and under the same working condition.
- With the brake motor transmission and mechanism regulated device to increase the stability of hardness of tablets efficiently.

Electrical control regulation device

- Use stepless variable speed device to adjust tableting speed based on the powder materials.
- Equip with the tablet counter, machine working timer and electrical appliance safety device.

Split-type transmission mechanism

- Tableting area separates from rotary gear (it is a split-type); spindle drives the turret directly that can reduce the noise.
- The spindle worm gear inside of gear oil box meshes with the copper alloy worm gear to keep the noise down and extend the machine's life.

Safety device of punches & dies

- The turret has hard chrome plated surface treatment.
- Each punch aperture has the same diameter size; it is applicable to round type and special tablet forming punches.
- Upper punches install an oil-proof loop and lower punches install an oil seal to prevent the tablets from the oil sludge pollution.
- Upper punches have a safety device to stop machine automatically when it is stuck; lower punches have the protective cover with a safety sensor when changing the punches.



Track device

- All tracks, which connect with upper and lower punches, are made of special steel.
- Installation of the auto oil filling device that the lower track can fill oil and lubricate automatically for the smooth work of lower punches.

Feeding design

- With a large hopper and new three-phase-split type feeding design for easy assembly and disassembly.
- Can use an optional forced feeding device which is driven by variable speed motor for easy assembly and disassembly.

Easy operation & cleaning

- User-friendly electrical control panel.
- All of panels and punches are easy to clean, assemble and disassemble.
- Meet PIC/S GMP standards.



興澤精密有限公司 SHING TSE PRECISION CO., LTD.

台中市北區大仁街 81 號

81 Tajen St, N, Dist., Taichung, Taiwan

Tel:886-4-23227637 Email:shingtse@ms23.hinet.net Http:// www.shingtse.com

THREE-LAYER TABLETS & THREE-OUTLET HIGH SPEED ROTARY TABLETING MACHINE

TCS-HRT31BD3-SS TCS-HRT39BD3-SS TCS-HRT47BD3-SS

Features explanation

Options

- Powder fixed amount offering device
- Deduster TCS-1
- Various punches & dies specifications and sizes can be customized
- Air pin breaker
- Touch screen + PLC device