

NP-255

rotary tablet press




NP-255



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R O B U S T
M I D - S I Z E D
T A B L E T P R E S S

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EASY TO OPERATE

The NP-255 boasts features essential for successful mid-sized tableting without the full-scale price. Ready to take on your manufacturing needs, the NP-255 is easy to operate and utilizes **Natoli AIM™ ProPlus** Control System. Proudly designed, engineered, and manufactured in the USA, the NP-255 is the new standard for value in the mid-sized tableting industry.



AUTO-LUBRICATED PUNCH GUIDES

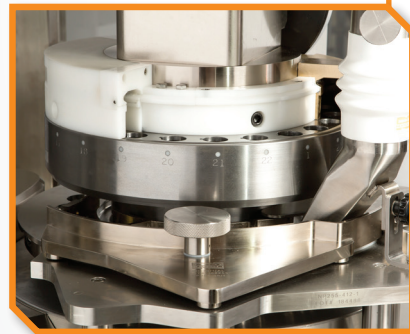
Reduce wear and heat build-up, minimizing sticking and binding.



EASY ACCESS TO DOSING, COMPRESSION & OVERLOAD SETTINGS

Allows press operators to adjust settings while press is in production

Gravity Feeder w/Micro Adjuster controls the amount of formulation in the feed frame at a given time.



Powder Flow Enhancer (PFE) supports consistent powder flow, eliminating rat holing and bridging



Adjustable Upper Punch Penetration reduces capping/lamination and extends die life.



Upper & Lower Snap-in Punch Seals are easy to replace and protect punch barrels and punch guides from sticky, corrosive, and abrasive products—while reducing heat buildup, punch binding, and wear on upper and lower turret sections



Push-button, Self-adjusting Lower Punch Retainers* shorten installation time and reduce tooling and cam wear.
**patent pending*



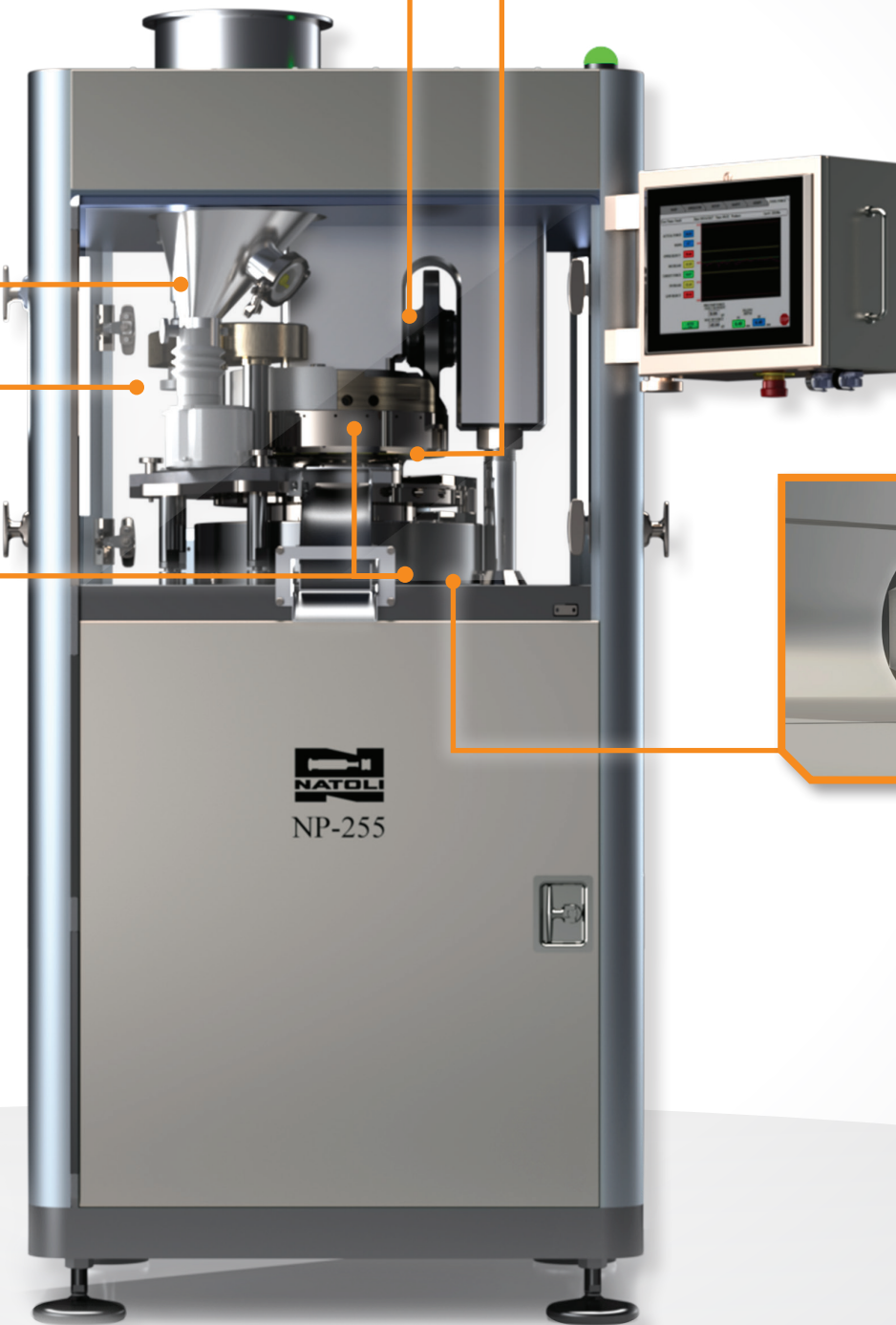
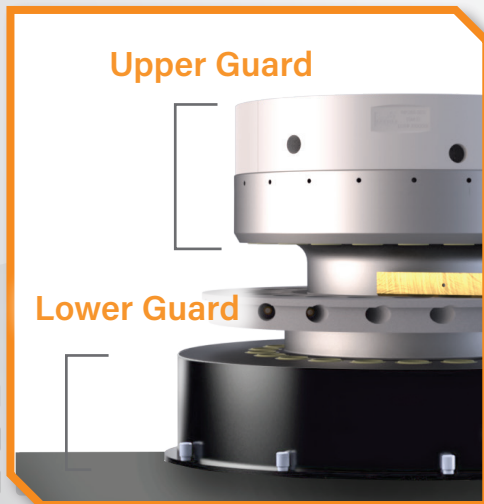
OPTIONAL FEATURES

- Instrumented force monitoring
- Combination caster/levelers for easy mobility and setup
- Dual-paddle power rotary forced feeder
- Tablet reject chute
- 3VT System
- Hopper vibration unit

Upper Guard

Upper & Lower Punch and Cam Track Guards protect entire tool and cam tracks from product build-up

Lower Guard



Natoli AIM™ ProPlus Control System

Designed for ease of use and trouble-free operation, **Natoli AIM™ ProPlus** acquires and reports critical tablet production data in an integrated 21 CFR Part 11-compliant system architecture.

Natoli AIM™ ProPlus Easily Reports:

- » Batch and end-of-batch production data*
- » Batch RSD monitoring for product variation*

Natoli AIM™ ProPlus Tracks:

- » Force deviation during batch production*
- » All tablet production based on setup, batch, and rejected tablets*
- » Critical alarms, starts, stops, and error codes by batch



*Instrumented force monitoring option required for this function

NP-255 TABLET PRESS SPECIFICATIONS:

	22 STATION	28 STATION	32 STATION
TOOLING SIZES			
Punch Type	EU 1" / TSM D / MDT-25	EU19 / TSM B / MDT-19	EU19 / TSM B / MDT-19
Die Type	D	B	BB
TABLET CAPACITIES			
Max. Depth of Fill	20.6 mm (.08125")	17.5 mm (.6875")	17.5 mm (0.6875")
Max. Round Diameter	23.8 mm(.09375")	17.5 mm (.6875")	16.0 mm (0.6250")
Shaped Major Dimension	25.4 mm (1.0000")	19.0 mm (.7500")	16.0 mm (0.6250")
Main Upper Punch Penetration	0-6.35 mm		
OPERATING FORCES			
Maximum Main Compression Force	90 kN		
Pitch Circle Diameter	292 mm		
TABLET RATES			
Turret Speed	10-100 rpm		
Tablet Rate Per Hour	13,200—132,000	16,800—168,000	19,200—192,000

Learn more about **Natoli's NP-255** production tablet press at www.natoli.com/tablet-presses or contact your Natoli representative today!



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