

G/MG SERIES

いいマシンは美しい。
Being efficient makes it beautiful.



GRINDERS/ MIXER GRINDER

G Series Specifications

Model	G-107	G-157	G-307		G-407	
Head specs	Single-stage grinding #22	Single-stage grinding #32	Single-stage grinding #42	Multi-stage grinding #42	Single-stage grinding #52	Multi-stage grinding #52
Plate diameter	82mm	100mm	130mm		160mm	
Tub capacity	55L	110L	200L		300L	
Delivery port height (Dimensional drawing A)	527mm	633mm	588mm	548mm	817mm	773mm
Throughput (theoretical)	650~950kg/h	1000~1450kg/h	Ⓜ1250~2500kg/h Ⓞ850~1700kg/h		Ⓜ1500~3000kg/h Ⓞ1000~2500kg/h	
Drive (3phase 200V) Feed screw/charging	5.5/0.75kW	11.0/1.5kW	15.0/2.2kW		30.0/3.7kW	
Dimensions	W620×L1367×H1110mm	W750×L1668×H1373mm	W950×LⓂ2050×H1491mm W950×LⓄ2138×H1491mm		W1040×LⓂ2440×H1842mm W1040×LⓄ2525×H1842mm	
Weight	500kg	650kg	1100kg		1850kg	

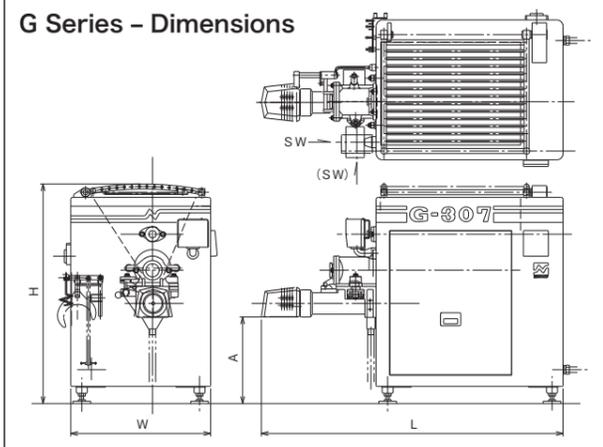
※Ⓜ:Single-stage grinding Ⓞ:Multi-stage grinding ※Optional: Bone collector (internal/external automatic, double)

MG Series Specifications

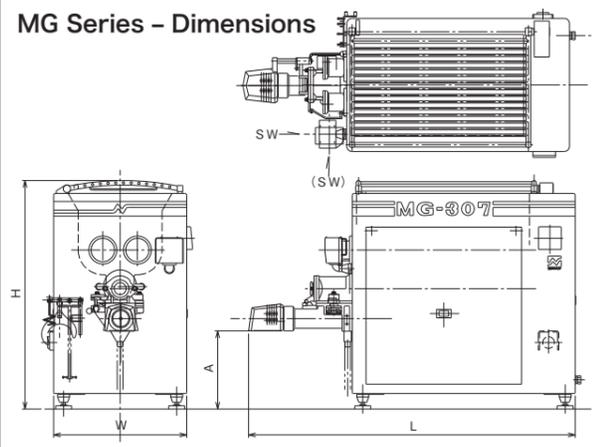
Model	MG-107	MG-157	MG-307	
Head specs	Single-stage grinding #22	Single-stage grinding #32	Single-stage grinding #42	Multi-stage grinding #42
Plate diameter	82mm	100mm	130mm	
Tub capacity	110L	200L	450L	
Delivery port height (Dimensional drawing A)	607mm	633mm	588mm	548mm
Throughput (theoretical)	650~950kg/h	1000~1450kg/h	Ⓜ1250~2500kg/h Ⓞ850~1700kg/h	
Drive (3phase 200V) Feed screw/charging	5.5/1.5/0.75kW	11.0/3.7/1.5kW	15.0/5.5/2.2kW	
Dimensions	W700×L1527×H1325mm	W800×L1933×H1438mm	W1000×LⓂ2455×H1717mm W1000×LⓄ2543×H1717mm	
Weight	700kg	1090kg	1800kg	

※Ⓜ:Single-stage grinding Ⓞ:Multi-stage grinding ※Optional: Bone collector (internal/external automatic, double)

G Series - Dimensions



MG Series - Dimensions



「完璧」に挑戦する
Challenging "Perfection"
株式会社日本キャリア工業
NIPPON CAREER INDUSTRY CO., LTD.

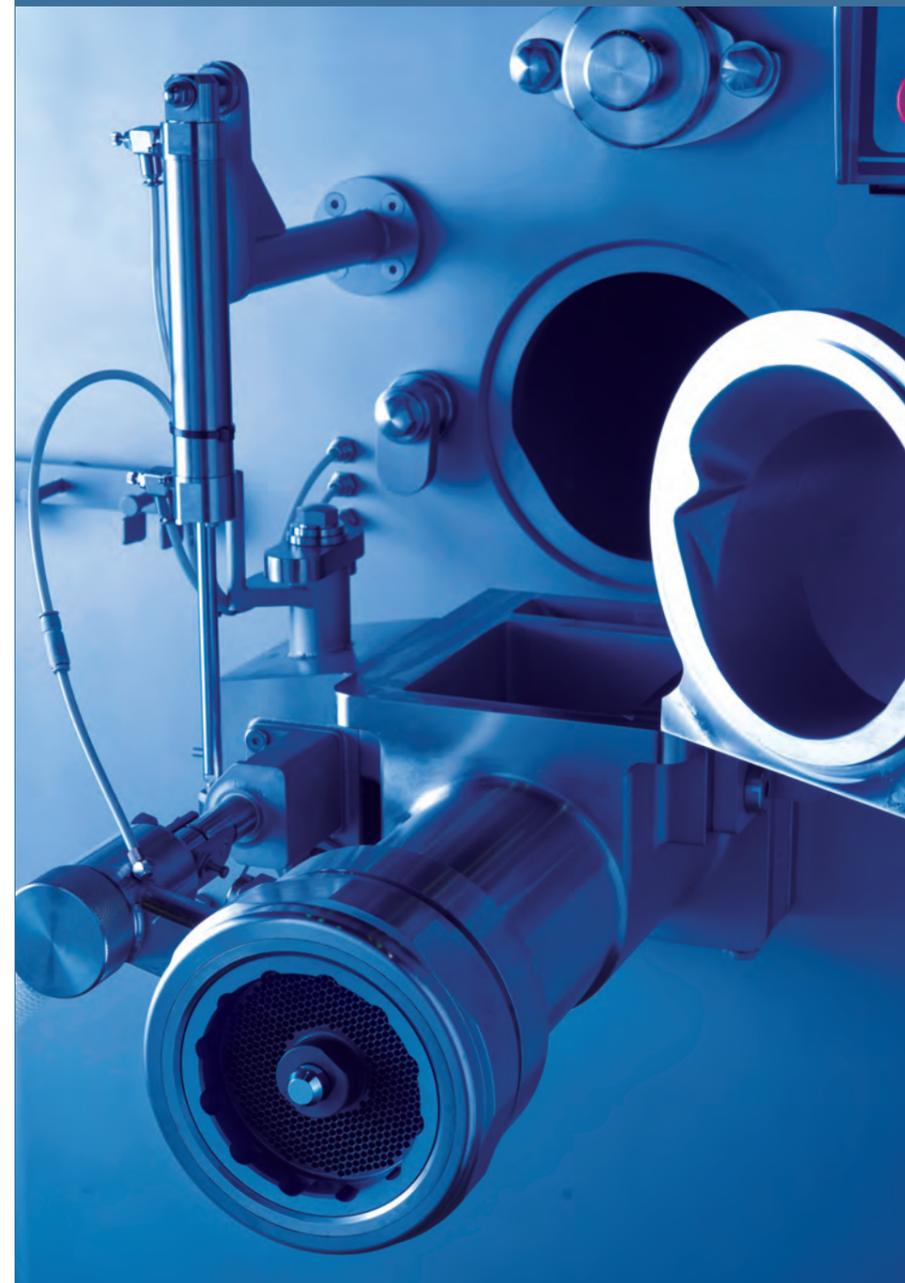
Dealer:

本社 〒791-8043 愛媛県松山市東垣生町980番地5 TEL:(089)973-6311(代) FAX:(089)973-6353
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E-mail: eigyou@nippon-career.co.jp
http://www.nippon-career.co.jp

Please be aware that product specifications may be changed without notice in order to improve product performance.

Revised 6/2019



#22 G-107

#32 G-157

#42 G-307

#52 G-407

#22 MG-107

#32 MG-157

#42 MG-307



MG-307

NIPPON CAREER
GRINDERS / MIXER GRINDER
CATALOG

Cutting Edge Machines Featuring Highly Washable, Safe, and Thoughtful Construction

Externally screw threaded plates

- Plate outer circumference is screw threaded and plate is secured directly to the cylinder to minimize plate "play," reducing the occurrence of problems such as extreme wear and breakage due to abnormal friction between plate and knife.
- No plate stopper keys are needed, eliminating problems caused by key loss and reducing part maintenance/management and burdens involved in part removal and attachment.

Knife push type

- Uses "knife push type" design with internal feed screw spring. Plate and knife kept in contact at the appropriate pressure and at all times. Prevents breakage and excess wear.

Safe design

- Covers are equipped with safety devices (machine will not operate with tub cover or deflector open).

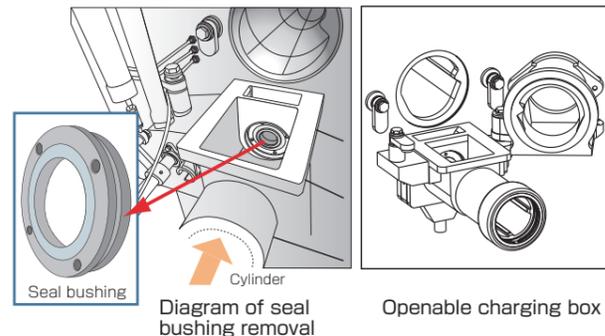
Integrated usage

- Connects to separately sold vertical conveyor, enabling automating feeding to the next process in line in a minimum of space and transport distance, preserving meat quality.

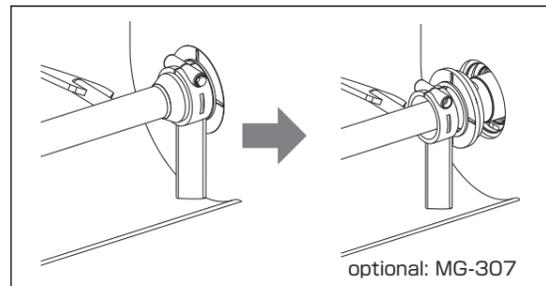


Thoughtful construction achieves high washability

- Openable charging box and removable seal bushing ensures high washability (available on all G/MG Series models).



- Terminal triangular paddle can be shifted to extract axle housing, enabling thorough cleaning to prevent bacterial growth (optional: MG-307).

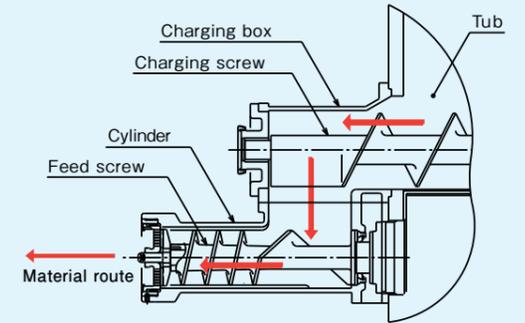


Safe, Thoughtful Design

Automatic material supply volume adjustment and control

Excess material feeding is prevented through control of charging screw revolution speed. This prevents overloaded operation and protects knives and hole plates from damage and excess wear.

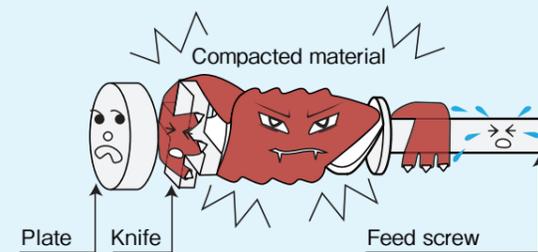
(Available models: G-307, 407/MG-307)



Delay system

Restarting a machine with a significant amount of compacted material inside can damage hole plates and knives. Nippon Career's delay system reduces material residue in the cylinder and prevents related problems by delaying the stopping of the feed screw (screw used to feed processed material) by a fixed interval of time when stopping machine operation.

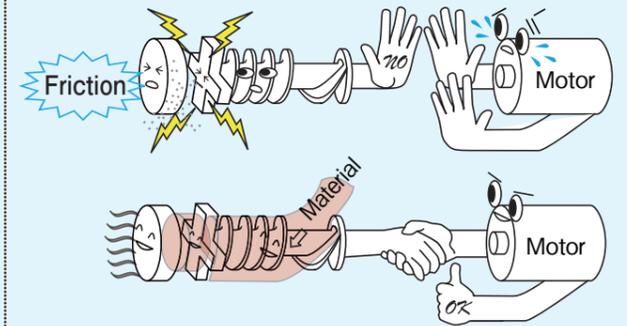
(Available models: G-307, 407/MG-307)



Idling prevention

Detects hole plate and knife-damaging idling and automatically shuts machine down. Patent no. 3969648

(Available models: G-307, 407/MG-307)



G Series Grinders

Thoughtfully designed, high performance grinders

#22 G-107

#32 G-157

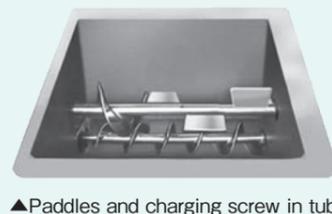
#42 G-307

#52 G-407



G-307 and G-407 multi-stage grinders are equipped with pre-setters standard. Bone collectors optional. (2 patents registered, 1 pending)

Tub equipped with anti-bridging paddles. Residual meat is removed by paddles and charging screw.



MG Series Mixer Grinders

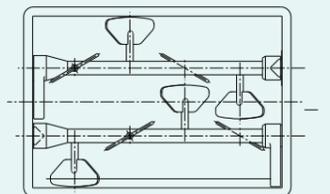
Space-saving dual functionality

#22 MG-107

#32 MG-157

#42 MG-307

MG-307 multi-stage mixer grinders equipped with pre-setters standard and bone collectors optional. (2 patents registered, 1 pending)



▲Overlap mixing with paddles on dual axes. During mixing, the charging screw operates in reverse to ensure even circulation and short mixing times (rotates regularly during chopping).



▲External automatic bone collector (optional)