

Compact Grader

Accurate grading – simple batching



- Increase efficiency & profitability
- Minimize operational costs
- Optimize product quality

Compact Grader

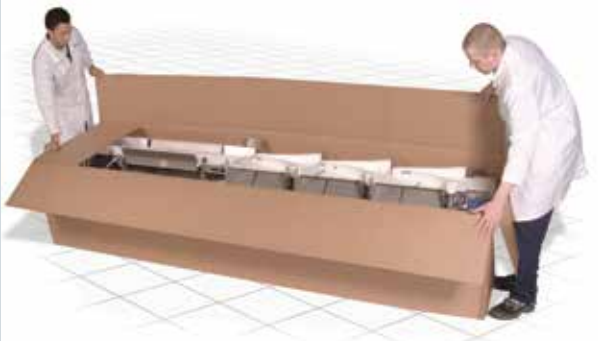
Essential technology at an economic price

Strong and robust with a user-friendly interface, the highly economical Marel Compact Grader is part of a line of low-cost advanced processing equipment that offers essential high-tech features. Suitable for simple grading and batching of a wide variety of products, the grader is designed to fulfill the needs of small to medium sized companies and is also an ideal add-on for larger companies requiring a machine that can handle temporary or seasonal overflow.



1 EASY DELIVERY

The Compact Grader is shipped in a lightweight crate for your convenience.



2 QUICK & EASY TO INSTALL

The Compact Grader has no loose parts, making installation quick and easy.





- Accurate grading - simple batching
- User-friendly - easy to operate
- Robust stand-alone unit

Compact Grader CG60

The Compact Grader CG60 grades product pieces up to 40cm long and 25cm wide into a maximum of 6 different grades. As the pieces move along the grader, the system's sturdy arms quickly swivel out and pull each individual piece into the correct chute for its grade. With a capacity of up to 120 pieces per minute, depending on product type, the robust grader contributes significantly to efficiency and profitability.

The Compact Grader ensures maximum quality by handling products very gently. Installing the grader is simple: after a quick assembly it is ready to plug in and run. It is available with an optional infeed belt and discharge chutes. Ethernet connection to Innova production software are available.

Compact Grader CG64

The Compact Grader CG64 is designed to grade small pieces of product at high speed, including chicken parts and fillets, and other raw or frozen material up to 25 cm in length and width, at a throughput of up to 160 pieces a minute.

The CG64 accurately grades and batches by weight and/or count, utilizing the M2200 terminal with a user-friendly interface. Like other Marel Compact Graders, the CG64 is a standalone unit with 6 gates that comes ready to use and is easy to install. Ethernet connection to Innova production software is available.

Compact Grader CG62 XL

The Compact Grader CG62 XL is designed to grade large pieces of product, including whole fish and fillets and other raw material up to 70 cm long and 25cm wide at a throughput of up to 80 pieces a minute.

The CG62 XL accurately grades and batches by weight and/or count, utilizing the M2200 terminal with a user-friendly interface. Like other Marel Compact Graders, the CG62 XL is a stand-alone unit with 6 gates that comes ready to use and is easy to install. Ethernet connection to Innova production software are available.



3 SIMPLE ASSEMBLY

Assembly is simple with only four bolts to fasten.



4 PLUG & PLAY

The Compact Grader comes ready for use – after assembly, just plug it in.





Innova Grading

Marel's production management software enables users to monitor and control all grading operations in a single system, providing full control of the grading process from an office PC or process floor terminal.

The Innova database records information in real time about graded pieces and batches produced, enabling users to monitor all aspects of the grading process including throughput, batch giveaway, weight distribution and size/quality breakdown. Batches from the grader can be labeled, palletized and assigned to orders and/or stock.

The software generates a broad range of standard reports providing detailed information on the grading process for any given period, and can generate reports that show grading results based on multiple grading parameters. Innova Grading integrates seamlessly with other Innova production management software, and a number of standard interfaces to ERP systems are also available.

Ethernet connection

The Ethernet connection makes it simple and easy to connect the Compact Grader to the Innova Grading software.

Technical specifications

Dimensions	CG-60	CG-62 XL	CG-64
Length	2920mm/115in	3733mm/147in	2920mm/115in
Weight	185kg/408lb	200kg/440lb	185kg/408lb
Height	1250mm (+/-50mm)/ 60in (+/-2in)	1250mm (+/-50mm)/ 60in (+/-2in)	850mm (+/-50mm)/ 33in (+/-2in)
Belt width	305mm/12in	305mm/12in	305mm/12in
Number of gates	6	6	6
Gate division	460mm/18in	600mm/24in	460mm/18in
	Gate division fits Euro box sizes 400x600mm/16-23in		
Product			
Accuracy	+/-2g (40-600g) +/-5g (600-1500g) +/-10g (1500-3000g)	+/- 5g (100-1500g) +/- 10g (1500-3000g)	+/- not tested (10-40g) +/-2g (40-600g) +/-5g (600-1500g)
Capacity	120pcs/min	80pcs/min	160pcs/min
Product weight	40-3000g	40-3000g	40-1500g
Product length	400mm/16in	700mm/28in	250mm/10in
Product width	250mm/10in	250mm/10in	250mm/10in
Other			
Indicator	M2200	M2200	M2200
Power	<500 Watts	<500 Watts	<500 Watts
Voltage	1 x 230 volts	1 x 230 volts	1 x 230 volts
Frequency	50-60Hz	50-60Hz	50-60Hz
Current	10 Amp	10 Amp	10 Amp
Working pressure	5.5 bar/80psi	5.5 bar/80psi	5.5 bar/80psi
Usage	120 l/min/4.25cuf/min for 120 pcs/min	80 l/min/2.8cuf/min for 80 pcs/min	160 l/min/5.6cuf/min for 160 pcs/min



Marel

The leading global provider of advanced equipment and systems for the fish, meat and poultry industries.

Our brands – Marel, Stork Poultry Processing and Townsend Further Processing – are among the most respected in the fish, meat, poultry and further processing industries. Together, we offer the convenience of a single source to meet our customers' every need.

For further information please visit

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