

Compact Grader

Essential technology at an economic price

The Marel logo, featuring a stylized red and blue 'm' followed by the word 'arel' in a white, sans-serif font.

- Easy installation – ready for use
- Accurate grading – simple batching
- User-friendly – easy to operate
- Robust stand-alone unit

Compact Grader

Strong and robust with a user-friendly interface, the highly economical Marel Compact Grader is a part of a line of low-cost advanced processing equipment that offers essential high-tech characteristics. Suitable for simple grading and batching of a wide variety of products, the grader is designed to fulfill the needs of small and medium sized companies. The grader is also an ideal add-on for larger companies requiring a machine that can handle temporary or seasonal overflow needs that do not justify the expense of a full-size grader.



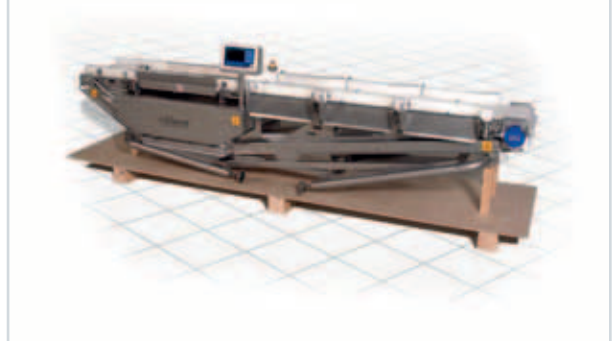
1 SHIPPING CRATE

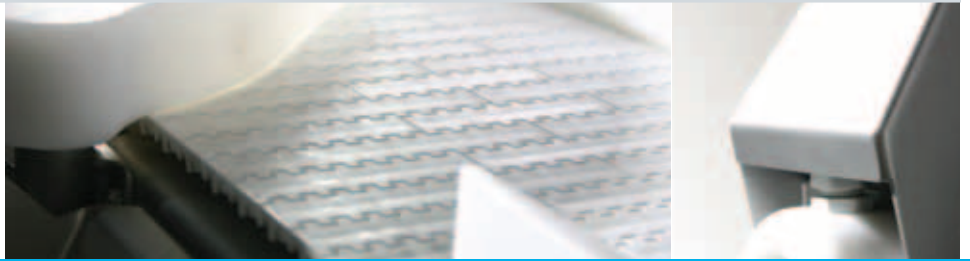
Easy to install the Compact Grader is shipped in a lightweight crate for your convenience.



2 NO LOOSE PARTS

The Compact Grader comes ready for use with no loose parts making installation quick and easy.





Compact Grader CG60

Developed on the cutting edge of food processing technology, the Compact Grader CG60 grades product pieces into a maximum of 6 different grades. As the pieces move along the grader, the system's sturdy arms quickly swivel out and gently 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 grader is a robust, user-friendly workhorse that significantly improves efficiency and profitability.

The Compact Grader handles products in a most gentle manner ensuring maximum quality. The grader is a veritable 'plug and play' unit: installation is simple and then it is basically ready to run. It is also available with an optional infeed belt and optional discharge chutes to suit individual needs. Optional Ethernet or Bluetooth connections to Innova production software are 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. With its long grading conveyor, the Compact Grader handles raw material of up to 70 cm in length and 25 cm in width at a throughput of up to 80 pieces a minute.

The CG62 XL performs accurate grading and batching by weight and/or count utilizing the M2200 terminal with a user-friendly interface. Different grading programs are easy to set up. Like other Compact Graders, the CG62 XL is a stand-alone unit with 6 gates that comes ready to use and is easy to install. Optional Ethernet or Bluetooth connections to Innova production software are available. Different grading programs are easy to set up and can be managed with a Palm Pilot.

3 SIMPLE ASSEMBLY

Assembly is simple and requires minimum work with only four bolts to fasten.



4 UP AND RUNNING

After assembly just plug it in and the Compact Grader is ready to operate.





Ethernet connections

The Ethernet connection makes it simple and easy to connect the Compact Graders to efficient production software that gives full overview of throughput and performance. The Innova grading software monitors the grading process including yield and throughput. The software offers reports on weight distribution, average weight, packing overview and packing list as well as the standard grading overview and lists.

Intelligent production control

Innova is compatible with all Marel's machinery. It controls and monitors every step of the production process allowing full coverage of the factory floor. This includes the reception of raw material through to the dispatch of finished goods, providing all key performance indicators for each stage and traceability from door to door. Innova provides managers and operators with more information, saving both time and money.

Technical Specifications		
Dimensions	CG-60	CG-62 XL
Length	2920mm/115in	3733mm/147in
Weight	185kg/408lb	200kg/440lb
Height	1250+50mm/60+-2in	1250+-50mm/60+-2in
Belt width	305mm/12in	305mm/12in
Number of gates	6	6
Gate division	460mm/18in	600mm/24in
	Gate division fits Euro box sizes 400x600mm/16-23in	
Product		
Accuracy	+2g(40-600g) +5g(600-1500g) +10g(1500-3000g)	+ 5g (100-1500 g) + 10g (1500-3000g)
Capacity	120pcs/min	80pcs/min
Product Weight	40-3000g	40-3000g
Product length	400mm/16in	700mm/28in
Product width	250mm/10in	250mm/10in
Other		
Indicator	M2200	M2200
Power	<500 Watts	<500 Watts
Voltage	1 x 230 volts	1 x 230 volts
Frequency	50-60Hz	50-60Hz
Current	10 ampere	10 ampere
Working pressure	5.5 bar/80psi	5.5 bar/80psi
Usage	120l/min/4,25cuf/ min for 120 pcs/min	120l/min/4,25cuf/ min for 120 pcs/min



Marel

The world's leading manufacturer of high-tech equipment for the food processing industry.

We are innovative in everything we do and we provide outstanding new solutions and services to the food processing industry in order to create greater value for all our stakeholders.

For further information please visit
www.marel.com

