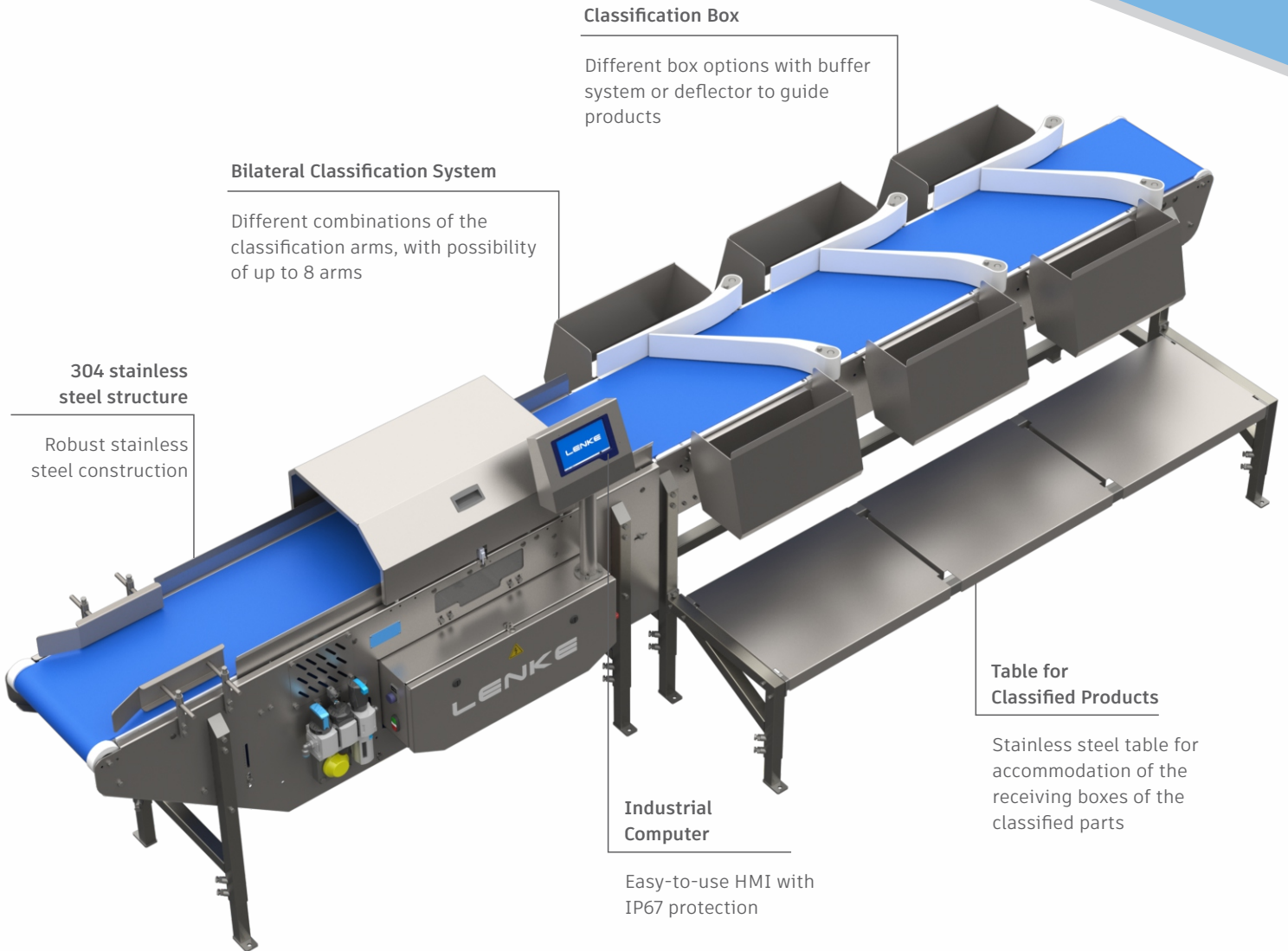


# COMPACT WEIGHT GRADER CL3500 LIGHT



### Classification Box

Different box options with buffer system or deflector to guide products

### Bilateral Classification System

Different combinations of the classification arms, with possibility of up to 8 arms

304 stainless steel structure

Robust stainless steel construction

### Table for Classified Products

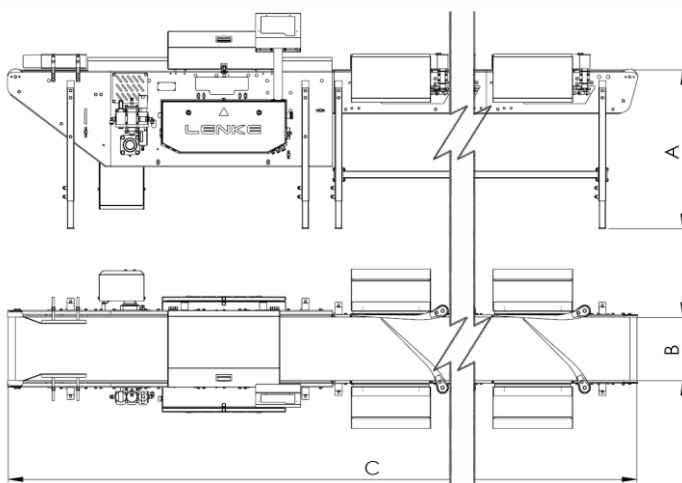
Stainless steel table for accommodation of the receiving boxes of the classified parts

### Industrial Computer

Easy-to-use HMI with IP67 protection

## TECHNICAL INFORMATION

illustrative image



MODEL	PL1	PL2
LENGTH OF THE WEIGHING PLATFORM	400 mm	500 mm
WEIGHT RANGE	40 - 1500 g	40 - 3000 g
NUMBER OF PIECES PER MINUTE	80 - 160 pçs	60 - 120 pçs
SPEED	0,54 - 1,07 m/s	0,50 - 1,00 m/s
OVERALL LENGTH 'C'	4060 à 4710 mm	4060 à 4710 mm
RESOLUTION	1 g	2 g
HEIGHT 'A'	850-950 / 950-1050 mm	
BELT WIDTH 'B'	216 / 356 mm	
NUMBER OF ARMS	1x3 / 1x4 / 2x3 / 2x4	
CONNECTIVITY	Ethernet cable and wi-fi	
ELECTRICAL SUPPLY	240 VAC - 50/60 Hz - 3,3 kW - Max. 15 A	
COMPRESSED AIR	8 Bar. Diam. Hose: 12 mm	
ROOM TEMPERATURE	5 to 35 °C	
WEIGHT	Approx. 150 kg	

● Accuracy up to 85% with a standard deviation of 1 percentage point.

● (\*\*\*) The number of pieces per minute is related to: the weight and shape of the product, its characteristics, and the speed of the conveyor belt to maintain a distance between one product and another (cadence).



The CL3500 Light combines robust performance and high connectivity in its compact design, making it the ideal wight grader for the food industry looking to optimize space and improve operational efficiency. Thanks to its high-speed conveyor belt and an advanced computer system Based on the LK300, this grader processes the product quickly, using pneumatic arms to separate them according to predetermined weight ranges.

After sorting, the product is directed directly to the boxes, minimizing the need for manual handling. The CL3500 Light can handle both frozen and fresh products, enhancing its versatility in the production environment.

**SPACE OPTIMIZATION**

The CL3500 Light is designed to fit space-constrained production environments without compromising efficiency. With a flexible configuration, it allows customers to determine the number of arms that best suit their needs. Each arm can be associated with a specific weight range, offering greater control in classifying products according to weight. Optionally, the CL3500 Light also offers the batching function, further increasing the optimization of the production process.

**ROBUSTNESS**

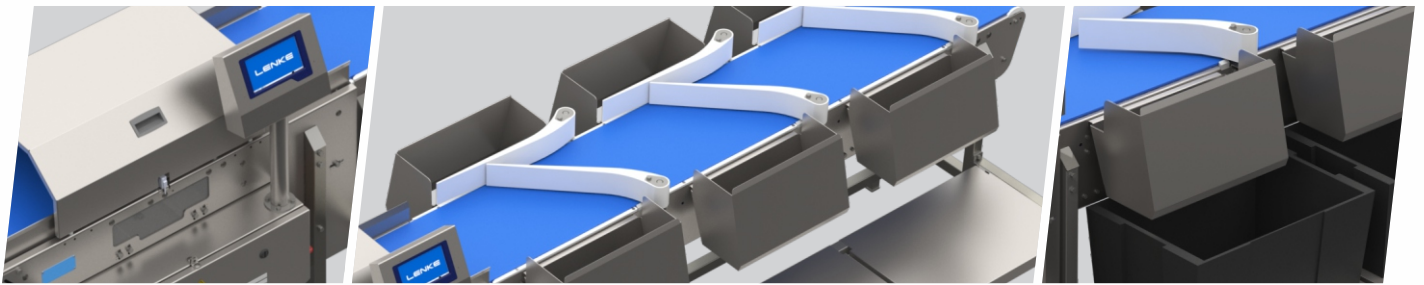
The CL3500 Light is built to stand up to the harshest operating conditions. Its robust structure, made of stainless steel and polymers approved by the food industry, ensures durability and reliability, even in high-volume production environments and under intensive sanitation.

**CONNECTIVITY**

Equipped with advanced connectivity features, the CL3500 Light includes Ethernet and Wi-Fi communication. This allows easy access and remote monitoring of machine information through web browsers, as well as enabling integration with databases. These features provide an optimized workflow and more efficient production management.

**PRODUCTIVITY**

The CL3500 Light stands out for its high production capacity in a compact size, being able to process up to 160 parts per minute. With it, you can speed up production, eliminate the need for manual weighing, and adapt to different products and production layouts, with greater data accuracy and reliability.



**PART NUMBER**

CG3500 - 2<sup>1</sup>2<sup>2</sup>3<sup>3</sup>1<sup>4</sup>1<sup>5</sup>0<sup>6</sup>2<sup>7</sup>3<sup>8</sup>3<sup>9</sup>

1 - PRODUCT TYPE	
1	PIECES
2	POULTRY/ PACKAGES
3	FISH
2 - NUMBER OF ARMS PER SIDE	
1	1 ARM
2	2 ARMS
3	3 ARMS
4	4 ARMS
3 - CLASSIFICATION SIDE	
1	UNILATERAL - RIGHT SIDE
2	UNILATERAL - LEFT SIDE
3	BILATERAL
4 - BATCHING	
0	WITHOUT BATCHING
1	WITH BATCHING

5 - ACCESSORY AFTER CLASSIFICATION	
0	WITHOUT ACCESSORY
1	WITH SIMPLE RECEIVING TRAY
2	WITH BIG RECEIVING TRAY
6 - INDUSTRIAL WORK TABLE	
0	WITHOUT WORK TABLE
1	WITH WORK TABLE
7 - ACCELERATOR CONVEYOR	
0	WITHOUT ACCELERATOR CONVEYOR
1	WITH ACCELERATOR CONVEYOR
2	WITH ACC. CONVEYOR - LENGTH. 1,0 M
8 - BOXES CONVEYOR	
0	WITHOUT BOXES CONVEYOR
1	WITH BOXES CONVEYOR
2	WITH DOUBLE BOXES CONVEYOR

9 - FEEDER CONVEYOR	
0	WITHOUT FEEDER CONVEYOR
1	WITH FEEDER CONVEYOR
2	WITH CIRCULAR FEEDER CONVEYOR
3	WITH PLANE FEEDER CONV. 1,6 + 1,0 M