

MADE IN ITALY
international patent

GA.VO. MECCANICA

MACHINES FOR THOSE WHO WORK WITH CORE

Core cutters for the final user. This is what GA.VO. MECCANICA is doing from 1999. The concept has been and continues to be building technically excellent machine to improve the core department.

GA.VO. MECCANICA revolutionized the core cutting concept thanks to devices, first of all the joining system, that allow to eliminate waste, to reorganize the warehouse and optimize labor costs, ensuring a quick return on investment.

www.gavomeccanica.com



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TCSG
International patent

AUTOMATIC

LEADER IN PERFORMANCE



SELECTABLE JOINING / DIAMETERS FROM 3" TO 8" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / INTEGRATED EXTRACTION SYSTEM / TOUCH CONTROLS

DIAMETERS FROM 3" TO 6" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / TOUCH CONTROLS / MULTIPLE PIECE LOADING / INTEGRATED EXTRACTION SYSTEM

AUTOMATIC

LEADER IN ZERO WASTE



TCAG
International patent

TCLG
International patent

AUTOMATIC

FROM A RIB OF THE TCAG



DIAMETERS FROM 3" TO 6" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / INTEGRATED EXTRACTION SYSTEM / TOUCH CONTROLS / MANUAL MULTIPLE PIECE LOADING

SELECTABLE JOINING / DIAMETERS FROM 3" TO 8"/12" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / TOUCH CONTROLS / INTEGRATED EXTRACTION SYSTEM

AUTOMATIC

BASIC LEVEL AUTOMATIC



TCRG
International patent

TCMG175 PLUS
International patent

SEMI-AUTOMATIC

THE EVOLUTION OF THE 175



SELECTABLE JOINING / DIAMETERS FROM 3" TO 6" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / TOUCH CONTROLS / INTEGRATED EXTRACTION SYSTEM

DIAMETERS FROM 3" TO 12" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / TOUCH CONTROLS / INTEGRATED EXTRACTION SYSTEM

SEMI-AUTOMATIC

FOR LARGE DIAMETERS



TCMG300
International patent

TCMG175
International patent

SEMI-AUTOMATIC

THE BEST SELLER



DIAMETERS FROM 3" TO 6" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / TOUCH CONTROLS / INTEGRATED EXTRACTION SYSTEM

DIAMETERS FROM 3" TO 6" / SAME BLADE FOR ALL THE MATERIALS / NO MECHANICAL ADJUSTEMENTS / INTEGRATED EXTRACTION SYSTEM

MANUAL

EXCELLENT RESULTS WITH SIMPLICITY



TCEG
International patent



TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc, Pp, Pe, HDPe STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	10 mm
Max External Diameter:	230 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Accuracy:	+/- 0,1 mm
Productivity:	up to 10 cuts per minute
Electronic equipment:	Siemens
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- +** SELECTABLE JOINING
- +** DIAMETERS FROM 3" TO 8"
- +** SAME BLADE FOR ALL THE MATERIALS
- +** NO MECHANICAL ADJUSTEMENTS
- +** INTEGRATED EXTRACTION SYSTEM
- +** TOUCH CONTROLS

LOADING SYSTEMS

AUTOMATIC: the automatic system allows loading of a pallet complete with cores. The pallet is fully introduced inside the magazine, protected by safety photocells, using a forklift truck. Once the tubes have been secured inside the steel frame the containing strappings are cut and the machine is fed automatically until total consumption of the cores.

AUTOMATIC CARRIAGES SYSTEM: the automatic carriages loading consists of a chain loading device anchored to the ground to which is anchored a cart preloaded with cores. It is very flexible as it enables the preparation and exchanging of tube carts very quickly ensuring very long autonomy.

AUTOMATIC DRAWERS LOADING: The automatic drawers loading consists in a steel frame in which slide several loading levels. This system was designed in order to load different diameters in the same store, in this way the machine is self-fed by choosing the core of which needs going to pick it up from the drawer that contains it.

SEMI-AUTOMATIC: the semiautomatic loading consists of an inclined plane anchored to the ground on which the cores are manually prepared. The standard version has a capacity of approximately twenty 3" cores, twelve 6" cores, nine 8" cores. It allows the loading of tubes of different sizes at the same time while keeping the machine in automatic cycle.

MANUAL: the manual loading system is simply one free side of the machine protected by safety barriers. It allows the operator to load bars or pieces manually.

UNLOADING SYSTEMS

STANDARD: an automatic unloading system on which it is possible to install the additional internal cleaning system.

SIMPLE: an automatic unloading system equipped with a pneumatic pusher to eject the cut pieces.

CAROUSEL: an automatic unloading system with rotating containers to separate the different core lengths cut.

Automatic loading



Carousel



Internal core cleaning



ACCESSORIES

EXTERNAL DEBURRING SYSTEM

ADDITIONAL INTERNAL CORE CLEANING
(ONLY ON STANDARD UNLOADING)

IONISATION DEVICE

CORE PRINTING DEVICE

AUTOMATIC FILTER SLEEVE CLEANING SYSTEM

AUTOMATIC DUST SEPARATION DEVICE

REMOTE SUPPORT MODEM



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc, STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	15 mm
Max External Diameter:	190 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Accuracy:	+/- 0,2 mm
Productivity:	up to 7 cuts per minute
Electronic equipment:	Panasonic, Siemens, Allen-Bradley
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- +** DIAMETERS FROM 3" TO 6"
- +** SAME BLADE FOR ALL THE MATERIALS
- +** NO MECHANICAL ADJUSTEMENTS
- +** TOUCH CONTROLS
- +** MULTIPLE PIECE LOADING
- +** INTEGRATED EXTRACTION SYSTEM

LOADING SYSTEMS

AUTOMATIC: the automatic system allows loading of a pallet complete with cores. The pallet is fully introduced inside the magazine, protected by safety photocells, using a forklift truck. Once the tubes have been secured inside the steel frame the containing strappings are cut and the machine is fed automatically until total consumption of the cores.

AUTOMATIC CARRIAGES SYSTEM: the automatic carriages loading consists of a chain loading device anchored to the ground to which is anchored a cart preloaded with cores. It is very flexible as it enables the preparation and exchanging of tube carts very quickly ensuring very long autonomy.

AUTOMATIC DRAWERS LOADING: the automatic drawers loading consists in a steel frame in which slide several loading levels. This system was designed in order to load different diameters in the same store, in this way the machine is self-fed by choosing the core of which needs going to pick it up from the drawer that contains it.

SEMI-AUTOMATIC: the semiautomatic loading consists of an inclined plane anchored to the ground on which the cores are manually prepared. The standard version has a capacity of approximately twenty 3" cores, twelve 6" cores. It allows the loading of tubes of different sizes at the same time while keeping the machine in automatic cycle.

MANUAL: the manual loading system is simply one free side of the machine protected by safety barriers. It allows the operator to load bars or pieces manually.

ACCESSORIES

EXTERNAL DEBURRING SYSTEM

ADDITIONAL INTERNAL CORE CLEANING

IONISATION DEVICE

CORE PRINTING DEVICE

AUTOMATIC FILTER SLEEVE CLEANING SYSTEM

AUTOMATIC DUST SEPARATION DEVICE

REMOTE SUPPORT MODEM

PP SYSTEM

Automatic loading



Semiautomatic loading



Discharge table



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	20 mm
Max External Diameter:	190 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Accuracy:	+/- 0,3 mm
Productivity:	up to 5 cuts per minute
Electronic equipment:	Panasonic
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- +** DIAMETERS FROM 3" TO 6"
- +** SAME BLADE FOR ALL THE MATERIALS
- +** NO MECHANICAL ADJUSTEMENTS
- +** TOUCH CONTROLS
- +** MANUAL MULTIPLE PIECE LOADING
- +** INTEGRATED EXTRACTION SYSTEM

LOADING SYSTEMS

AUTOMATIC: the automatic system allows loading of a pallet complete with cores. The pallet is fully introduced inside the magazine, protected by safety photocells, using a forklift truck. Once the tubes have been secured inside the steel frame the containing strappings are cut and the machine is fed automatically until total consumption of the cores.

AUTOMATIC CARRIAGES SYSTEM: the automatic carriages loading consists of a chain loading device anchored to the ground to which is anchored a cart preloaded with cores. It is very flexible as it enables the preparation and exchanging of tube carts very quickly ensuring very long autonomy.

AUTOMATIC DRAWERS LOADING: the automatic drawers loading consists in a steel frame in which slide several loading levels. This system was designed in order to load different diameters in the same store, in this way the machine is self-fed by choosing the core of which needs going to pick it up from the drawer that contains it.

SEMI-AUTOMATIC: the semiautomatic loading consists of an inclined plane anchored to the ground on which the cores are manually prepared. The standard version has a capacity of approximately twenty 3" cores, twelve 6" cores. It allows the loading of tubes of different sizes at the same time while keeping the machine in automatic cycle.

MANUAL: the manual loading system is simply one free side of the machine protected by safety barriers. It allows the operator to load bars or pieces manually.

ACCESSORIES

EXTERNAL DEBURRING SYSTEM

AUTOMATIC FILTER SLEEVE CLEANING SYSTEM

AUTOMATIC DUST SEPARATION DEVICE

REMOTE SUPPORT MODEM

Automatic loading



Semiautomatic loading



Discharge table



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	20 mm
Max External Diameter:	230/330 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Accuracy:	+/- 0,3 mm
Productivity:	up to 5 cuts per minute
Electronic equipment:	Siemens
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- +** SELECTABLE JOINING
- +** DIAMETERS FROM 3" TO 8"/12"
- +** SAME BLADE FOR ALL THE MATERIALS
- +** NO MECHANICAL ADJUSTEMENTS
- +** TOUCH CONTROLS
- +** INTEGRATED EXTRACTION SYSTEM

TCRG AUTOMATIC

LOADING SYSTEMS

SEMI-AUTOMATIC: the semiautomatic loading consists of an inclined plane anchored to the ground on which the cores are manually prepared. The standard version has a capacity of ten 3" cores, seven 6" cores, five 8" cores. It allows the loading of cores of different sizes at the same time while keeping the machine in automatic cycle.

MANUAL: the manual loading system is simply one free side of the machine protected by safety barriers. It allows the operator to load bars or pieces manually.

UNLOADING SYSTEMS

ROLLERS UNLOADING SYSTEM: simple unloading system which consists of the accumulation of cut pieces on of a pair of rollers resting on a steel frame.

SIMPLE: an automatic unloading system equipped with a pneumatic pusher to eject the cut pieces.

ACCESSORIES

EXTERNAL DEBURRING SYSTEM

IONISATION DEVICE

AUTOMATIC FILTER SLEEVE CLEANING SYSTEM

AUTOMATIC DUST SEPARATION DEVICE

REMOTE SUPPORT MODEM

Semiautomatic loading



Unloading rollers



Dust collector



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	30 mm
Max External Diameter:	190 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Electronic equipment:	Panasonic
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- +** SELECTABLE JOINING
- +** DIAMETERS FROM 3" TO 6"
- +** SAME BLADE FOR ALL THE MATERIALS
- +** NO MECHANICAL ADJUSTEMENTS
- +** TOUCH CONTROLS
- +** INTEGRATED EXTRACTION SYSTEM

TCMG 175 PLUS SEMI-AUTOMATIC

LOADING SYSTEMS

MANUAL LOADING ON ROLLERS: in this case the core is loaded into the machine on a support roller conveyor. It is possible to use bars or pieces.

UNLOADING SYSTEMS

ROLLERS UNLOADING SYSTEM: simple unloading system which consists of the accumulation of cut pieces on a pair of rollers resting on a steel frame.

ACCESSORIES

EXTERNAL DEBURRING SYSTEM

PP SYSTEM

Automatic core feeding



Unloading rollers



Dust collector



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	30 mm
Max External Diameter:	330 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Electronic equipment:	Siemens
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- + DIAMETERS FROM 3" TO 12"**
- + SAME BLADE FOR ALL THE MATERIALS**
- + NO MECHANICAL ADJUSTEMENTS**
- + TOUCH CONTROLS**
- + INTEGRATED EXTRACTION SYSTEM**

TCMG 300 SEMI-AUTOMATIC

LOADING SYSTEMS

MANUAL LOADING ON ROLLERS: in this case the core is loaded into the machine on a support roller conveyor. It is possible to use bars or pieces.

UNLOADING SYSTEMS

ROLLERS UNLOADING SYSTEM: simple unloading system which consists of the accumulation of cut pieces on of a pair of rollers resting on a steel frame.

ACCESSORIES

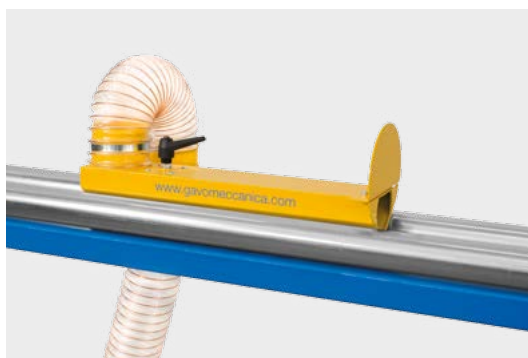
EXTERNAL DEBURRING SYSTEM

PP SYSTEM

Unloading rollers



Extraction carriage



Dust collector



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc STANDARD
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	30 mm
Max External Diameter:	190 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Electronic equipment:	Panasonic, Siemens, Allen-Bradley
Voltages:	400V 50Hz / 480V 60Hz STANDARD
Compressed Air Pressure:	6 Bar

- + DIAMETERS FROM 3" TO 6"**
- + SAME BLADE FOR ALL THE MATERIALS**
- + NO MECHANICAL ADJUSTEMENTS**
- + TOUCH CONTROLS**
- + INTEGRATED EXTRACTION SYSTEM**

TCMG 175 SEMI-AUTOMATIC

LOADING SYSTEMS

MANUAL LOADING ON ROLLERS: in this case the core is loaded into the machine on a support roller conveyor. It is possible to use bars or pieces.

UNLOADING SYSTEMS

ROLLERS UNLOADING SYSTEM: simple unloading system which consists of the accumulation of cut pieces on a pair of rollers resting on a steel frame.

ACCESSORIES

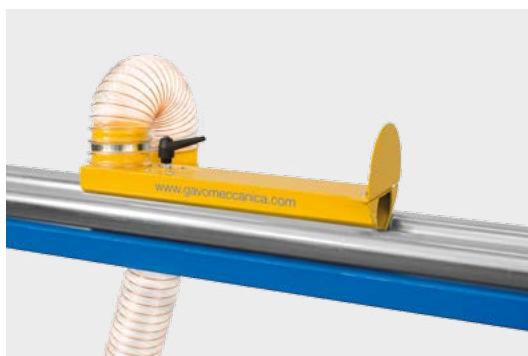
EXTERNAL DEBURRING SYSTEM

PP SYSTEM

Unloading rollers



Extraction carriage



Dust collector



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TECHNICAL SHEET

Usable Materials:	Cardboard, Pvc
Max Core Length:	2000, 3000, 4000 mm STANDARD
Max Cut Length:	2000, 3000, 4000 mm STANDARD
Min. Cut Length:	80 mm
Max External Diameter:	175 mm
Min. External Diameter:	80 mm
Max Thickness Tubes:	25 mm
Min. Thickness Cardboard Tubes:	4 mm
Min. Thickness Plastic Tubes:	3/4 mm
Electronic equipment:	Siemens
Voltages:	400V 50Hz STANDARD
Compressed Air Pressure:	6 Bar

- +** DIAMETERS FROM 3" TO 6"
- +** SAME BLADE FOR ALL THE MATERIALS
- +** NO MECHANICAL ADJUSTEMENTS
- +** INTEGRATED EXTRACTION SYSTEM

LOADING SYSTEMS

MANUAL LOADING ON ROLLERS: in this case the core is loaded into the machine on a support roller conveyor. It is possible to use bars or pieces.

UNLOADING SYSTEMS

ROLLERS UNLOADING SYSTEM: simple unloading system which consists of the accumulation of cut pieces on of a pair of rollers resting on a steel frame.

Unloading rollers



Extraction carriage



Control station

