GAMA SPRAY EQUIPMENT

POLYURETHANE FOAM, COATINGS AND POLYUREAS

Designed with the customer in mind!



www.gamapur.com

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HI-TECH PROPORTIONERS REPRESENT THE BEST AND MOST EFFICIENT PARTNER FOR HIGH QUALITY APPLICATIONS



In HI-TECH, we are totally aware that the design, manufacturing and launching of new equipment demands experience, creativity and innovative target engineering. The product development team of GAMA brand is highly specialized in equipment design gathering more than twenty-five years of experience in the design of high performance two component spray and pouring equipment.

Located in Sitges, Barcelona (Spain), HI-TECH focuses its main activity on the sales of two component spray and pouring equipment for the application of polyurethane foams, coatings and polyurea.

WHO WE ARE



The HI-TECH team is a group of professionals, committed with the quality and constant innovation, to consolidate a solid and dynamic project addressed to companies worldwide that require high technology, proven quality and reliable service while maintaining the flexibility and capability to adapt to the constant market changes.

EASY SPRAY PNEUMATIC
COMPACT & EASY





Easy Spray Pneumatic, of an advanced and compact design, is an easy to use, portable air driven unit. Its unique configuration the product tanks are placed on a chassis with wheels provides easy access to all types of working areas as well as an outstanding mobility. The electrical console has only one control switch that allows an easy operation with no need of qualified personnel, and a saving of time during the set up and application.



TECHNICAL SPECIFICATIONS

MAX. OUTPUT: 4 kg/min

MAX. PRESSURE STANDARD LP: 100 bar

MAX. PRESSURE ALTERNATIVE HP: 200 bar

ELECTRICAL CONNECTION OPTIONS: 1NPE 230V 50/60 Hz
2PE 230V 50/60 Hz

HEATING POWER: 3,6 kW **MACHINE CONSUMPTION:** 16 A

OPTIONAL HEATING HOSES: 1,6 kW **TRANSFORMER CONSUMPTION:** 9 A

MAX. HOSES LENGTH: Recirculation hoses: 11 m
Hose transformer: 48 m

AIR CONSUMPTION LP: (6 bar) 550 l/min / 5,5 HP recommended air compressor

AIR CONSUMPTION HP: (6 bar) 750 l/min / 7,5 HP recommended air compressor

WEIGHT: 112 kg **MAX. TANK CAPACITY:** 30 l + 30 l

DIMENSIONS: 1000 mm x 610 mm x 700 mm





EVOLUTION G-125A
COMPACT & EFFICIENT



The **Evolution G-125A** air driven proportioning unit is of an advanced and compact design. It is specially aimed for the applications of polyurethane foam in place. Its open design allows easy access to all its components simplifying the control functions and significantly reduces maintenance time.

TECHNICAL SPECIFICATIONS

MAX. OUTPUT: 9 kg/min

MAX. PRESSURE: 125 bar

ELECTRICAL CONNECTION OPTIONS: 1NPE 230V 50/60 Hz
2PE 230V 50/60 Hz
3NPE 400V 50/60 Hz

HEATING POWER: 10 kW **HOSE HEATING:** 3 kW

MACHINE CONSUMPTION: 58 A/43,5 A/22 A

MAX. HOSES LENGTH: 93 m

AIR CONSUMPTION: (6 bar) 750 l/min / 7,5 HP (recommended air compressor)

WEIGHT: 120 kg

DIMENSIONS: 1055 mm x 540 mm x 550 mm

EASY SPRAY HYDRAULIC SINGLE-PHASE
PORTABLE & POWERFUL





Easy Spray Hydraulic Single-Phase. This unique unit incorporates all the easy to use and portability features of the air driven Easy Spray plus the reliability and power of a hydraulic unit. Constant pressures and perfect mix on a small portable unit.

TECHNICAL SPECIFICATIONS

MAX. OUTPUT: 4 kg/min

MAX. PRESSURE: 175 bar

ELECTRICAL CONNECTION: 1NPE 230V 50 Hz
2PE 230V 50 Hz

HEATING POWER: 3,6 kW **HOSE HEATING:** 1,6 kW (optional)

MOTOR POWER: 1,8 kW

MACHINE CONSUMPTION: Recirculation hoses: 12A + 16A - 2 plugs
230V heated hoses: 16A + 16A - 2 plugs
LV heated hoses: 12A + 16A + 9A - 3 plugs

MAX. HOSES LENGTH: Recirculation hoses: 11 m
230V heated hoses: 20 m
LV heated hoses: 48 m (transformer trolley)

WEIGHT: 172 kg (without oil/product)

MAX. TANK CAPACITY: 30 l + 30 l

OIL CAPACITY: 18 l

DIMENSIONS: 1165 mm x 605 mm x 744 mm







EASY SPRAY HYDRAULIC THREE-PHASE
PORTABLE & EXTRA POWER

Easy Spray Hydraulic Three-Phase. Same versatility and easy to use like single-phase version but with the extra power of a three-phase motor to increase maximum output and pressure capabilities.



TECHNICAL SPECIFICATIONS

MAX. OUTPUT: 10 kg/min @ 110 bar (7.6 pumps)
5 kg/min @ 160 bar (4.5 pumps)

ELECTRICAL CONNECTION: 3PE 400V 50/60 Hz

HEATING POWER: 6kW **HOSE HEATING:** 3 kW

MOTOR POWER: 3kW **MACHINE CONSUMPTION:** 23 A

MAX. HOSES LENGTH: 93 m (for foam)
63 m (for polyurea)

WEIGHT: 190 kg (without oil)

OIL CAPACITY: 18 l

DIMENSIONS: 1165 mm x 605 mm x 744 mm

GPRO-35H
ALL IN ONE






The new **GPRO-35H** hydraulic proportioning unit has been designed and manufactured to fulfil the most demanding requirements for the application of foam, polyurea and coatings with the same pump configuration. When you choose a GPRO-35H, you are assuring enough output and pressure stability to spray the selected system in large areas with the same machine thanks to its all in one pump configuration. It now features a new hydraulic oil cooling system. The open design allows easy access to all components, simplifying control functions and reducing maintenance time.

TECHNICAL SPECIFICATIONS

MAX. OUTPUT (1.20 PUMS): 15 kg/min @ 110 bar
9 kg/min @ 160 bar
7 kg/min @ 240 bar

ELECTRICAL CONNECTION: 3PE 400V 50/60 Hz
3PE 230V 50/60 Hz

HEATING POWER: 12 kW **HOSE HEATING:** 3 kW

MOTOR POWER: 4 kW **MACHINE CONSUMPTION:** 38,4 A/66,6 A

MAX. HOSES LENGTH: 93 m (for foam)
78 m (for polyurea)

WEIGHT: 232 kg (without oil)

OIL CAPACITY: 28 l

DIMENSIONS: 1295 mm x 745 mm x 650 mm







GPRO-50H
THE MOST POWERFUL

The new **GPRO-50H** hydraulic proportioning unit has been developed to fulfil the needs of customers who work on big projects where high outputs, constant pressures and temperatures are required to maintain high productivity levels on polyurethane foam, polyurea and coatings applications. It now features a new hydraulic oil cooling system.
The open design allows easy access to all components, simplifying control functions and reducing maintenance time.

TECHNICAL SPECIFICATIONS

MAX. OUTPUT (1.20 PUMPS): 22 kg/min @ 110 bar
17 kg/min @ 160 bar
12 kg/min @ 240 bar

ELECTRICAL CONNECTION: 3PE 400V 50/60 Hz
3PE 230V 50/60 Hz

HEATING POWER: 18 kW **HOSE HEATING:** 4 kW

MOTOR POWER: 5,5 kW **MACHINE CONSUMPTION:** 56A/97,7A

MAX. HOSES LENGTH: 93 m

WEIGHT: 266 kg (without oil)

OIL CAPACITY: 28 l

DIMENSIONS: 1295 mm x 745 mm x 650 mm

EVOLUTION VR
AUTOMATIC VARIABLE RATIO





The **Evolution VR** is equipped with a Central Processing Unit (CPU) that process and controls all application parameters entered on the screens assuring that any alteration that may occur will be corrected while the unit continues working. When the problem cannot be resolved within the established tolerance parameters the CPU will stop the unit and display the type of failure occurred.
The VR unit also incorporates two flowmeters that measure the correct dosing of each component precisely.



TECHNICAL SPECIFICATIONS

MAX. OUTPUT: 15 kg/min
MIN. OUTPUT: 1 kg/min
MAX. PRESSURE: 275 bar
ELECTRICAL CONNECTION: 3PE 400V 50/60 Hz
HEATING POWER: 18 kW
HOSE HEATING: 4 kW + 4 kW
MOTOR POWER: 3 kW + 3 kW
4 kW + 4 kW
MACHINE CONS.: 54A (Motor 3 kW + 3 kW)
62A (Motor 4 kW + 4 kW)
MAX. HOSES LENGTH: 93 m
WEIGHT: 450 kg (without oil)
OIL CAPACITY: 95 l
DIMENSIONS: 1250 mm x 1110 mm x 1200 mm





GA-200
HYDRAULIC AIRLESS TECHNOLOGY

The **GA-200** unit has been manufactured to fulfil the requirements of industrial painting when you need to spray professional textures in demanding applications. This hydraulic unit can be equipped with a petrol engine or electric motor to drive the piston pump. These can be easily interchanged according to our smart concept design. The application of the Airless technology allows high pressure spraying through atomization of air-free paint without mixing the components.



TECHNICAL SPECIFICATIONS

	GASOLINE GA-200G	ELECTRIC GA-200E
MAX. OUTPUT:	6,4 l/min	5,7 l/min
MAX. WORKING PRESSURE:	228 bar	228 bar
MAX. SIZE PCD:	1 Gun - 0.043"	1 Gun - 0.036"
	2 Guns - 0.033"	2 Guns - 0.026"
ENGINE:	Petrol 5,5 HP	3 HP (220 V - 50 Hz)
WEIGHT:	72 kg	66 kg
DIMENSIONS:	840 mm x 1200 mm x 1080 mm	

G-CONNECT

Maximum connectivity to control and analyse your Foam and Polyurea applications!



G-CONNECT
MAXIMUM CONNECTIVITY





The **G-Connect** is the most powerful digital unit in the market. It has total connectivity plus the power and reliability of hydraulics in a single unit to analyse the foam and polyurea applications from any mobile device.



TECHNICAL SPECIFICATIONS

MAX. OUTPUT (1.20 PUMS):	15 kg/min @ 110 bar 9 kg/min @ 160 bar 7 kg/min @ 240 bar		
ELECTRICAL CONNECTION:	3PE 400V 50/60 Hz 3PE 230V 60 Hz		
HEATING POWER:	12 kW	**HOSE HEATING:**	4 kW
MOTOR POWER:	4 kW	**MACHINE CONSUMPTION:**	38,4 A/66,8 A
MAX. HOSES LENGTH:	93 m		
WEIGHT:	242 kg (without oil)		
OIL CAPACITY:	28 l		
DIMENSIONS:	1295 mm x 745 mm x 650 mm		





G-CONNECT+
MAXIMUM CONNECTIVITY & EXTRA POWER

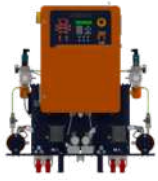


The **G-Connect+** has the same features as the G-Connect unit offering the extra power of a bigger motor and hydraulic pump to increase maximum output and pressure capabilities.

TECHNICAL SPECIFICATIONS

MAX. OUTPUT (1.20 PUMS):	22 kg/min @ 110 bar 17 kg/min @ 160 bar 12 kg/min @ 240 bar		
ELECTRICAL CONNECTION:	3PE 400V 50/60 Hz 3PE 230V 50 Hz		
HEATING POWER:	16 kW	**HOSE HEATING:**	4 kW
MOTOR POWER:	5,5 kW	**MACHINE CONSUMPTION:**	51,1 A / 89 A
MAX. HOSES LENGTH:	93 m		
WEIGHT:	260 kg (without oil)		
OIL CAPACITY:	28 l		
DIMENSIONS:	1295 mm x 745 mm x 650 mm		

TECHNICAL SPECIFICATIONS SUMMARY

		MAXIMUM OUTPUT	MAXIMUM PRESSURE	ELECTRICAL CONNECTION OPTIONS	HEATING POWER	HOSE HEATING
EASY SPRAY PNEUMATIC		4 kg/min	Standard LP: 100 bar Alternative HP: 200 bar	1NPE 230V 50/60Hz 2PE 230V 50/60Hz	3,6 kW	1,6 kW (optional)
G-125A		9 kg/min	125 bar	1NPE 230V 50/60 Hz 2PE 230V 50/60 Hz 3NPE 400V 50/60 Hz	10 kW	3 kW
EASY SPRAY HYD SINGLE-PHASE		4 kg/min	175 bar	1NPE 230V 50 Hz 2PE 230V 50 Hz	3,6 kW	1,6 kW (optional)
EASY SPRAY HYD THREE-PHASE		10 kg/min (7.6 pumps) 5 kg/min (4.5 pumps)	110 bar 160 bar	3PE 400V 50/60 Hz	6 kW	3 kW
GPRO-35H		15 kg/min 9 kg/min 7 kg/min	110 bar 160 bar 240 bar	3PE 400V 50/60 Hz 3PE 230V 50/60 Hz	12 kW	3 kW
GPRO-50H		22 kg/min 17 kg/min 12 kg/min	110 bar 160 bar 240 bar	3PE 400V 50/60 Hz 3PE 230V 50/60 Hz	18 kW	4 kW
VR		15 kg/min 1 kg/min (min. output)	275 bar	3PE 400V 50/60 Hz	18 kW	4 kW + 4 kW
G-CONNECT		15 kg/min 9 kg/min 7 kg/min	110 bar 160 bar 240 bar	3PE 400V 50/60 Hz 3PE 230V 60 Hz	12 kW	4 kW
G-CONNECT+		22 kg/min 17 kg/min 12 kg/min	110 bar 160 bar 240 bar	3PE 400V 50/60 Hz 3PE 230 V 50 Hz	16 kW	4 kW

MOTOR POWER	MACHINE CONSUMPTION	MAXIMUM HOSES LENGTH	WEIGHT	CAPACITY	DIMENSIONS
	16 A	Recirculation hoses: 11 m Hose transformer 48 m	112 kg	30 l + 30 l (tank)	H: 1000 mm W: 610 mm L: 700 mm
	58 A / 43,5 A / 22 A	93 m	120 kg		H: 1055 mm W: 540 mm L: 550 mm
1,8 kW	Recirculation hoses: 12A + 16A - 2 plugs 230V heated hoses: 16A + 16A - 2 plugs LV heated hoses: 12A + 16A + 9A - 3 plugs	Recirculation hoses: 11 m 230V heated hoses: 20 m LV heated hoses: 48 m	172 kg (without oil)	30 l + 30 l (tank) 18 l (oil)	H: 1165 mm W: 605 mm L: 744 mm
3 kW	23 A	93 m (for foam) 63 m (for polyurea)	190 kg (without oil)	18 l (oil)	H: 1165 mm W: 605 mm L: 744 mm
4 kW	38,4 A / 66,6 A	93 m (for foam) 78 m (for polyurea)	232 kg (without oil)	28 l (oil)	H: 1295 mm W: 745 mm L: 650 mm
5,5 kW	56 A / 97,7 A	93 m	266 kg (without oil)	28 l (oil)	H: 1295 mm W: 745 mm L: 650 mm
3 kW + 3 kW 4 kW + 4 kW	54 A (Motor 3 kW + 3 kW) 62 A (Motor 4 kW + 4 kW)	93 m	450 kg (without oil)	95 l (oil)	H: 1250 mm W:1110 mm L: 1200 mm
4 kW	38,4 A / 66,8 A	93 m	242 kg (without oil)	28 l (oil)	H: 1295 mm W: 745 mm L: 650 mm
5,5 kW	51,1 A / 89 A	93 m	260 kg (without oil)	28 l (oil)	H: 1295 mm W: 745 mm L: 650 mm

BLAZE GUN

ULTRALIGHT · BALANCED · PRECISE



AIR PURGE	1,06 kg	246 bar	18 kg/min
SELF-CLEANING SYSTEM	GUN WITH COUPLING BLOCK	MAX. WORKING PRESSURE	MAX. OUTPUT 1:1

The Blaze Gun is the latest, most precise and efficient option for all your spray applications!

BLAZE GUN
AIR PURGE SPRAY GUN






The all new ultralight, compact, and balanced air purge spray gun. The lightest gun and coupling block combination ever made. Direct access to filters with the gun assembled. With the Blaze Gun, you get maximum precision and efficiency in all your spray applications!



TECHNICAL SPECIFICATIONS

MAX. WORKING PRESSURE:	246 bar
AIR PRESSURE REQUIRED:	6-8 bar
MAX. PRODUCTION RATIO 1:1	18 kg/min
MIN. PRODUCTION RATIO 1:1	1,5 kg/min
WEIGHT WITH COUPLING BLOCK:	1,06 kg

FEATURES



Compact and lightweight.



Balanced and very comfortable.



Easy and quick maintenance. Direct access to filters.



Consistent and smooth spray pattern.

GDI
MECHANICAL PURGE SPRAY GUN





The **GDI** mechanical self-cleaning spray gun has been designed to offer the best mixing quality on the market when it comes to the application of polyurethane foam, elastomeric coatings and polyurea. Its unique high & low output configurations offer the possibility to work with a wide range of flows with only one gun. The GDI gun is light, perfectly balanced and easy to maintain.



TECHNICAL SPECIFICATIONS

MAX. WORKING TEMPERATURE:	90°C
MAX. WORKING PRESSURE:	265 bar
AIR PRESSURE REQUIRED:	7 bar
MAX. PRODUCTION RATIO 1:1:	18 kg/min
MIN. PRODUCTION RATIO 1:1:	1,5 kg/min
WEIGHT:	1,4 kg

FLOW CONFIGURATIONS

LOW OUTPUT



HIGH OUTPUT



TECHNICAL SPECIFICATIONS SUMMARY

		MAX. WORKING PRESSURE	AIR PRESSURE REQUIRED	MAX. PRODUCTION RATIO 1:1	MIN. PRODUCTION RATIO 1:1
BLAZE GUN		246 bar	6 - 8 bar	18 kg/min	1,5 kg/min
GDI		265 bar	7 bar	18 kg/min	1,5 kg/min

GAMA parts and accessories like Hoses and Transfer Pumps have been designed and manufactured with the same rigor, quality and attention to detail as the units to support the most demanding application conditions.

GAMA HEATED HOSE

GAMA hoses incorporate an innovative concept of heating in which the copper resistance element is homogenously spread around the hose. This allows accurate and uniform control of the application temperature of the products avoiding heat concentrations that are produced in traditionally manufactured hoses.



GAMA TRANSFER PUMP

The **GAMA 2:1 pump** is a stainless steel air driven double effect piston pump used for moving the chemicals with a maximum viscosity of 2,000 mPas from the drums to the unit.



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