

HDPE Pipe Fuser: 4" - 14"



Self Contained
All Terrain 2WD
Automatic Fusion
GPS
Remove for Ditch Use
Smartlock Inserts
Quick Change for Fittings

RITMO
AMERICA

RJM

RAM 414 ALL TERRAIN



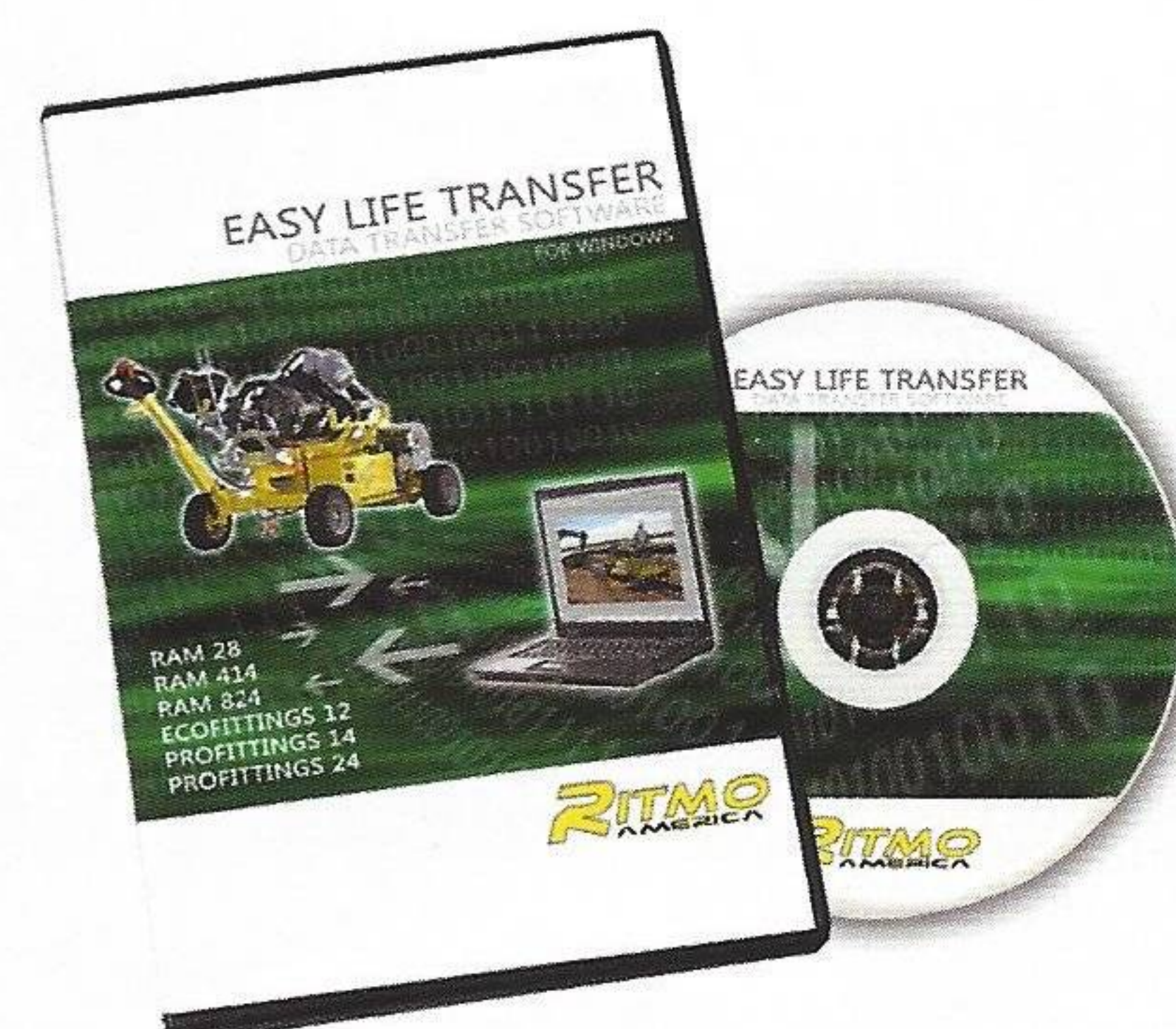
800-620-4773
rjmcompany.com



The **RAM 414** is a self-contained, self propelled, all terrain electro-hydraulic fusion machines that will butt fuses pipes from **4" IPS to 14" IPS** (125 - 355 mm).

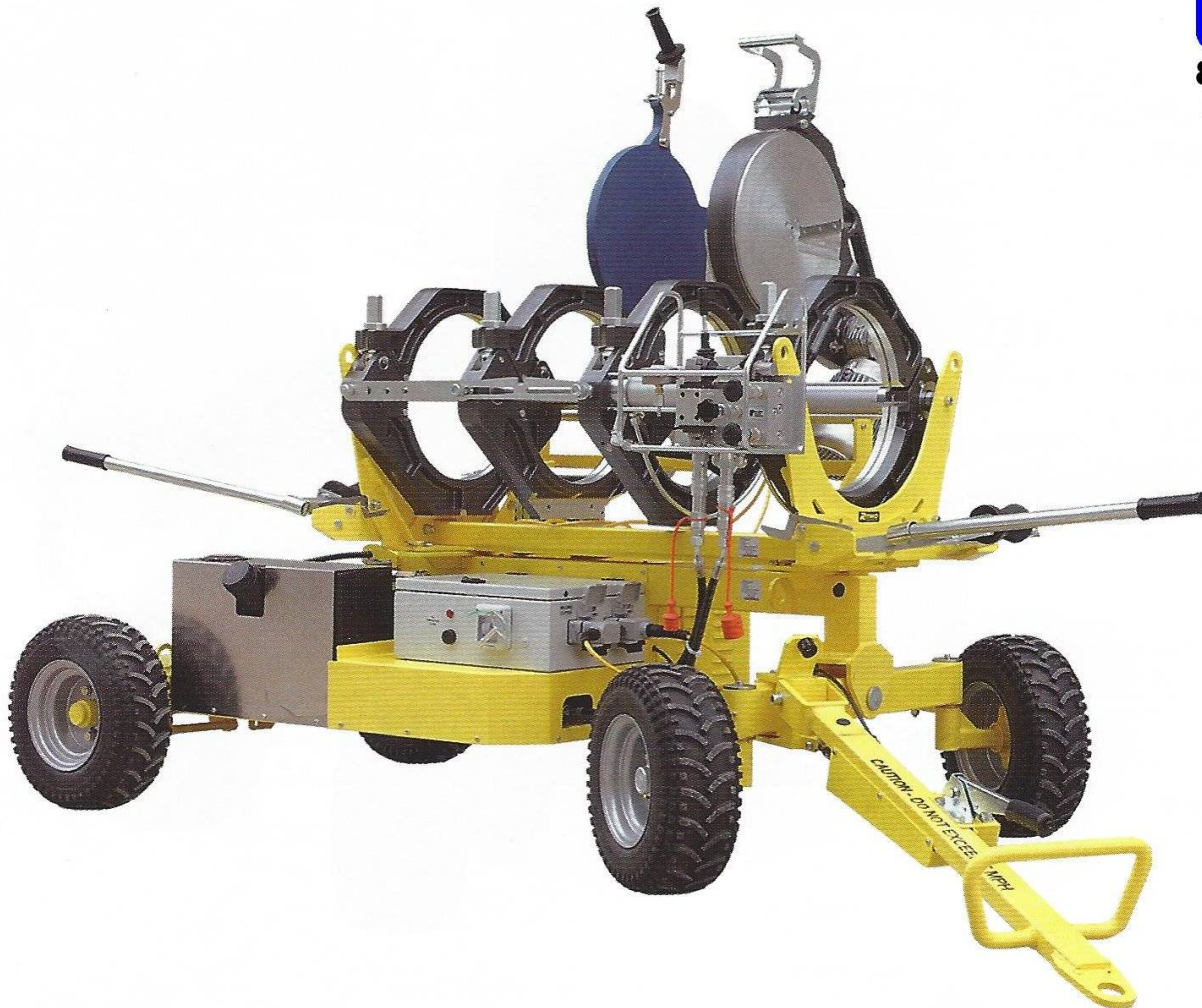
Designed for in-field fusion of HDPE pipe and fittings and other plastic pipes needs of the water, gas and other fluids under pressure. The chassis may be easily removed for in-ditch use. The unit is simple to load, unload, and position under any field condition, and fits in a standard long box cart bed for easy transport. Composed of:

- Self-contained, self-propelled, all-terrain, 2 wheel drive
- Powered by a 9,5 kW gasoline engine or diesel engine
- On-board generator for powering heater and other devices
- Chassis can be easily removed for in-ditch use
- Automatic Fusion Control "EASY LIFE (patented system)"
- GPS System incorporated
- On-board electric facer with safety micro switch to prevent from accidental starts. It is easily removable from the machine body in order to reduce the overall dimensions of the machine and ease the load/unload process.
- Electronic thermoregulator "Digital Dragon"
- SMARTLock inserts (patented system)
- Lateral pipe lift aids in loading and unloading pipe
- Fits in a standard long box cart bed for easy transport
- Data Logging incorporated
- Ritmo Easy Life transfer software supplied as standard



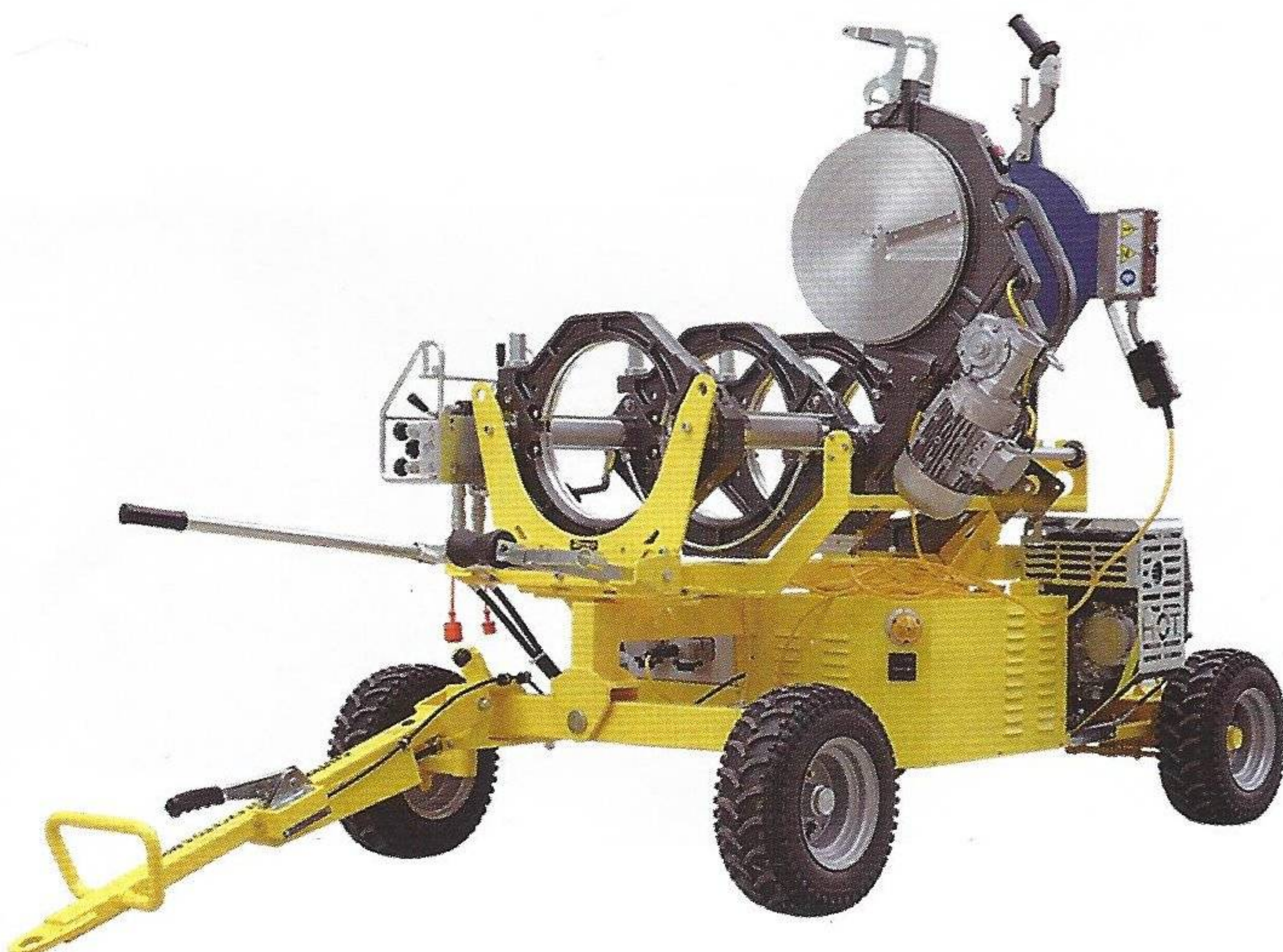
RAM 414 M

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The **RAM 414 M** is an hydraulic fusion machine with manual control to butt fuse pipe sizes from **4" IPS to 14" IPS (125 - 355 mm)**. The machine is designed for in-field fusion of HDPE pipe and fittings and other plastic pipes needs of the water, gas and other fluids under pressure.

- The RAM 414 M manual hydraulic control level system, simple, traditional and intuitive to use.
- (4) Wheeled vehicle for easy manoeuvring on the job site
- On-board generator for powering heater and other devices
- Onboard facer and Heater plates
- Electronic thermoregulator "Digital Dragon"
- SMARTLock inserts (patented system)
- Manually operated front and rear pipe lifters are standard.



SPECIFICATIONS

CAPACITY

Working range4" IPS to 14" IPS (125 - 355 mm)

POWER

EngineGasoline engine 9.2 kW

Max. absorbed Facer900 W

Heater3750W

DIMENSIONS (W x D x H)

Machine83" x 46" x 52" (2112 x 1180 x 1317 mm)

WEIGHT

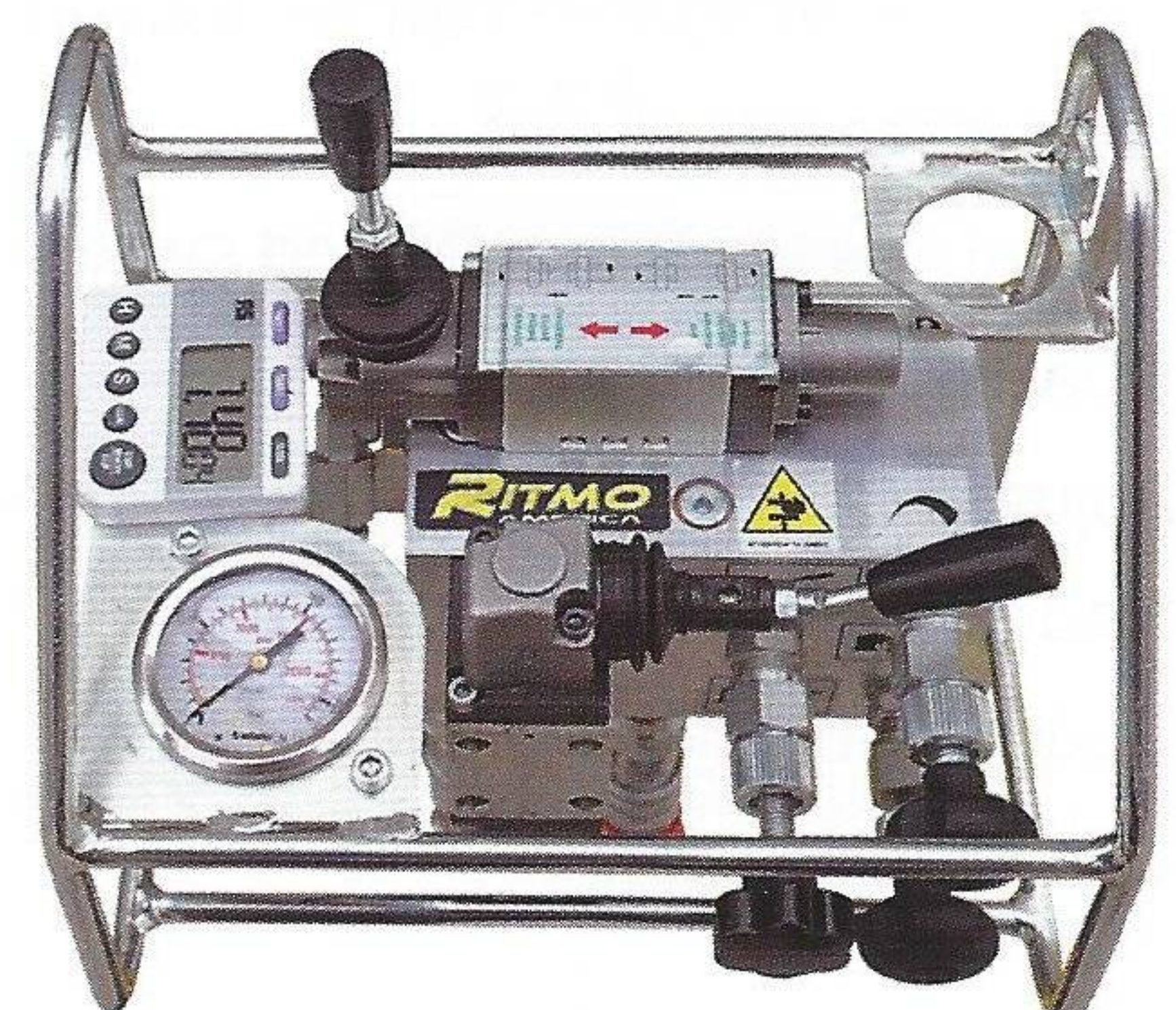
Total Machines1221 lb (554 kg)

MATERIALS

.....HDPE, PP, PB, PVDF

WARRANTY

.....2 years



Manual hydraulic control system

RAM 414 TRAILER

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The **RAM 414 TRAILER** is an hydraulic fusion machine to butt fuse pipe sizes from **4" IPS - 14" IPS** (125 mm - 355 mm). The machine is designed for in-field fusion of HDPE pipe and fittings and other plastic pipes needs of the water, gas and other fluids under high pressure. Composed of:

- Wheeled vehicle for easy maneuvering on the job site
- Chassis and control panel can be easily removed for in-ditch fusion
- Chassis with two working position: inclined or horizontal
- On-board electric facer with safety micro switch to prevent from accidental starts. It is easily removable from the machine body in order to reduce the overall dimensions of the machine and ease the load/unload process.
- Extractable heater plates equipped with an independent thermometer to check the working temperature.
- Automatic Fusion Control "EASY LIFE" (patented system)
- GPS
- SMARTLock inserts
- Lateral pipe lift aids in loading and unloading pipe
- Data Logging incorporated
- Software for data download with serial/USB cable

ON REQUEST (ACCESSORIES)

- Stub-End Holder

SPECIFICATIONS

CAPACITY

Working range -----4" IPS to 14" IPS (125 - 355 mm)

POWER

Power supply -----240 V Single phase - 50/60 Hz

Maximum absorbed power -----6450 W

DIMENSIONS (W x D x H)

Machine -----83" x 46" x 52" (2112 x 1180 x 1317 mm)

WEIGHT

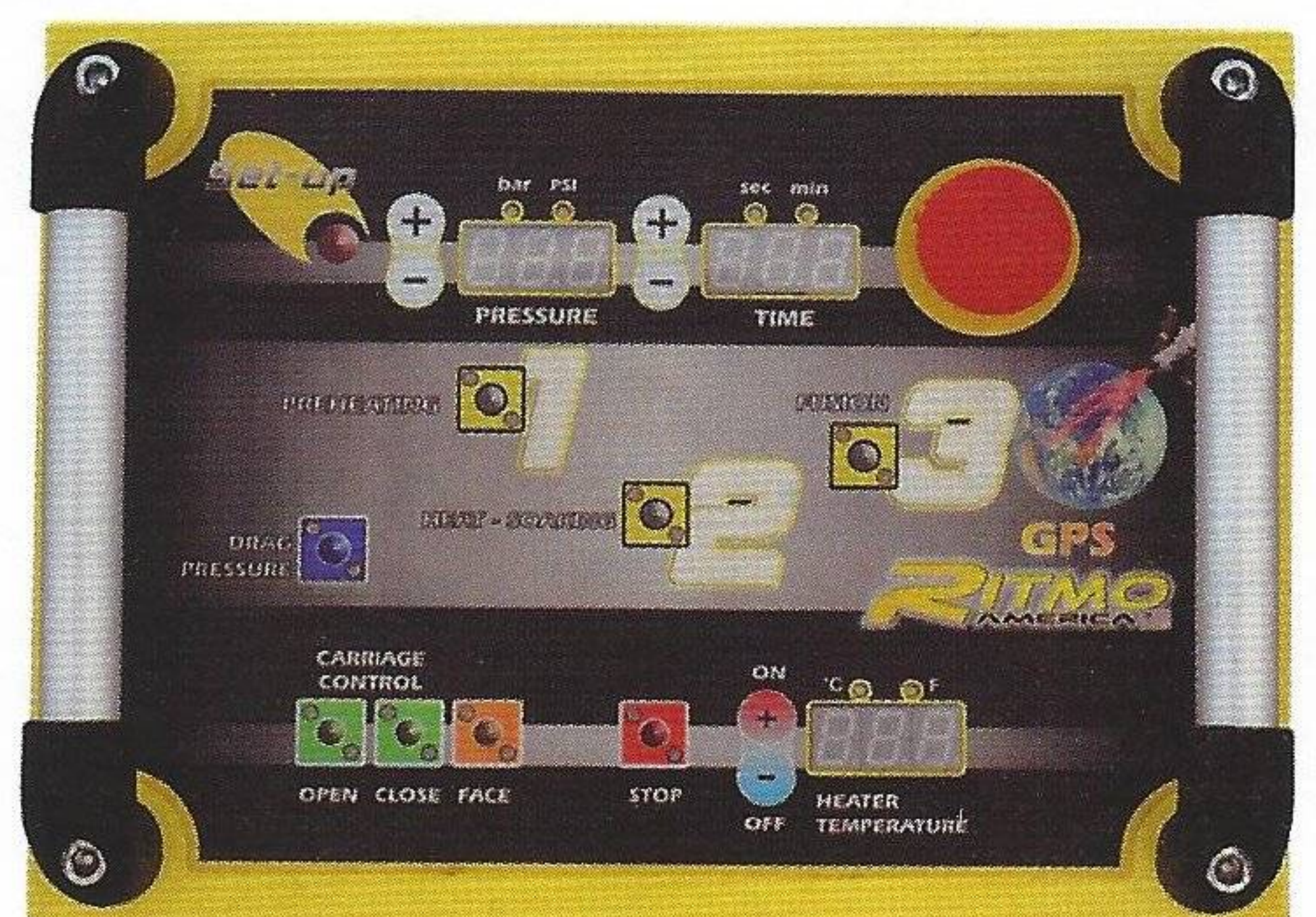
Total Machines -----1069 lb (485 kg)

MATERIALS

-----HDPE, PP, PB, PVDF

WARRANTY

-----2 years



Easy Life control panel



SPECIFICATIONS

CAPACITY

Working range -----4" IPS to 14" IPS (125 - 355 mm)

POWER

Power supply ----- Self-contained/independent

13 HP gasoline

12 HP diesel

Tank capacity -----5.28 gallons (20 liters)

Operational Tank Capacity -----8 Hours

DIMENSIONS (W x D x H)

Machine -----83" x 46" x 52" (2112 x 1180 x 1317 mm)

WEIGHT

Total Machines -----1279 lb (580 kg)

Chassis -----430 lb (195 Kg)

Facer -----84 lb (38 kg)

Heater -----39 lb (18 kg)

MATERIALS -----HDPE, PP, PVDF

WARRANTY -----2 years

ON REQUEST (ACCESSORIES)

- Clamps' inserts IPS: 4" to 12" IPS
DIPS: 4" to 12" DIPS
- Stub-End Holder

