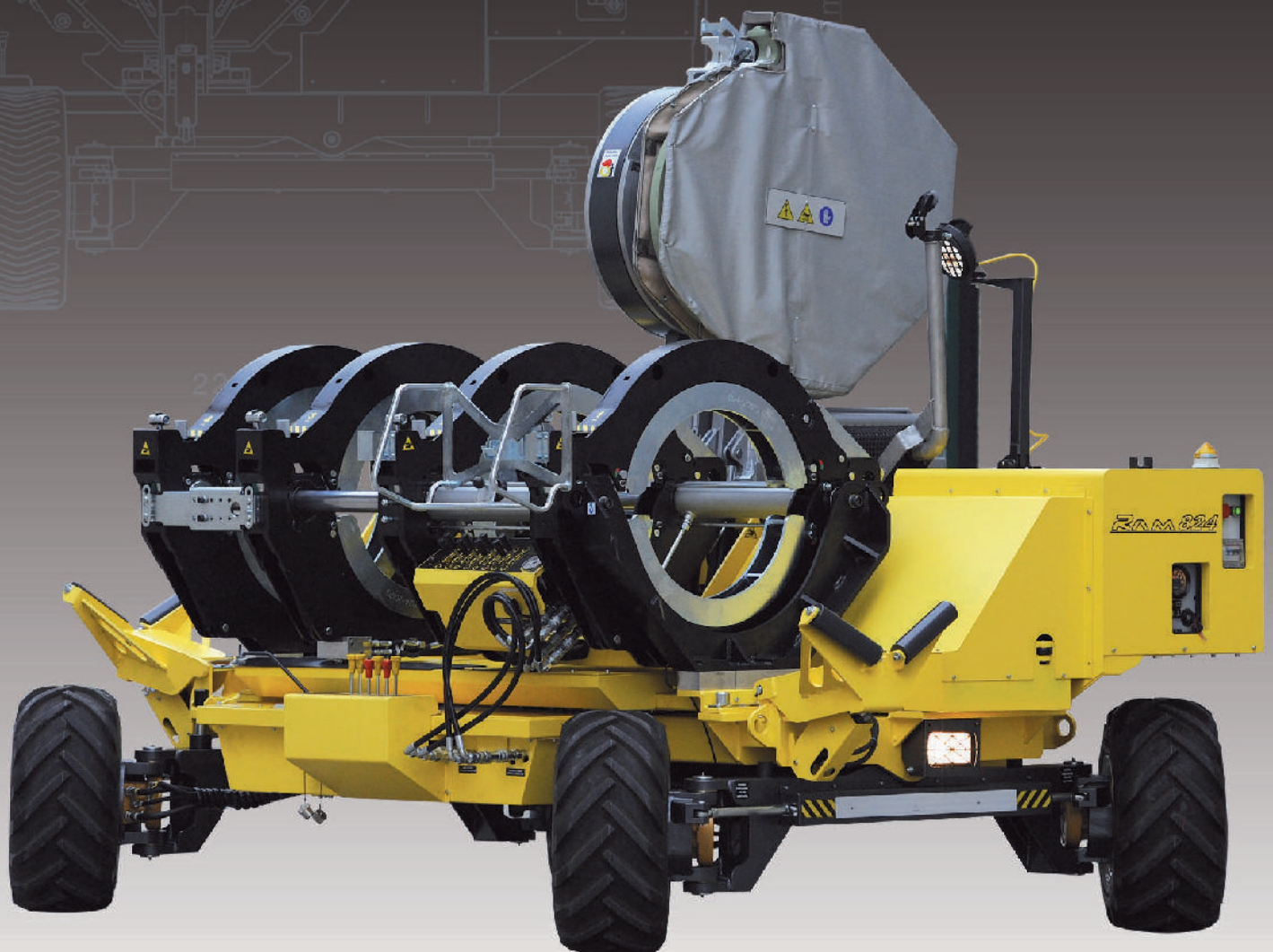


**RITMO**  
AMERICA

# **RAM 824**

## **ALL TERRAIN**



[www.ritmoamerica.com](http://www.ritmoamerica.com)



# RAM 824

HIGH DESIGN PIPE EQUIPMENT

*"The RAM 824 is the result of 30 years of experience and RITMO's pure passion for technology; that is why we are proud to present you our top of the line model amongst the RAMs. This machine includes so many great ideas. We wanted to put our competence at the service of those who have to run the jobsite work day in day out – and we believe we made it."*

*Renzo Bortoli  
President*



## RAM 28

- Wheeled chassis for easy maneuvering on the job site
- Machine body and control panel removed for in ditch use
- Working range: Ø 2" IPS - 8" DIPS (75 - 250mm)
- Body machine with two working position: inclined or horizontal
- On board facer with safety micro switch
- Automatic Fusion Control "EASY LIFE"
- SMARTLock inserts
- Lateral pipe lift aids loading and unloading pipe

## RAM 414

- Independent, self contained
- On board generator
- Machine body and control panel can be easily removed for in-ditch use
- Working range: Ø 4" IPS - 14" IPS (125 - 355mm)
- Motorized wheels
- Automatic Fusion Control "EASY LIFE"
- GPS System incorporated
- Facer with safety micro switch
- SMARTLock inserts
- Lateral pipe lift aids loading and unloading pipe

RAM BUTT FUSION SERIES



# Performance and Versatility

## Evolution of operator performance

The RAM 824 is the Pipe and Fittings FUSION Machine designed to face the toughest working conditions. The machine is equipped with a 2200 cc diesel ENGINE which powers the 4-wheels DRIVE traction and the generator, assuring a totally independent and autonomous Fusion Machine. Its detachable control panel allows an intuitive CONTROL of the 4 steering wheels; besides making RAM 824 movements a lot easier, it also grants a fast and perfect alignment of the pipes. Machine's hydraulic operations significantly reduce time and operational costs. The RAM 824 is also trench-friendly: CHASSIS can be REMOVED from the trolley and top-load the Heating Plate and Facer. Machine includes Ritmo's most successful "Easy Life" Fusion System which helps the operator to program and manage the fusion in a simple and precise manner. A GPS System, a Large Display and Data-Logging complete the features of this exceptional Fusion Machine.



## Born to BE A WINNER!

RAM 824 wants to mark a turning point to the world of Field Fusion.

It stands out for being extremely easy to set up and work with. Take the heating plate and facer disconnecting system for example; the positioning / removal of the pipes is made without obstacles, giving the operator more time for what really matters.

Italian design, known for paying particular attention to details, gives RAM 824 many technical innovations that are indeed practical. Take the clamps hydraulic system, for instance - not only an aesthetical maneuver, but a protection against collisions while positioning the machine inside the trench. Take the low fuel consumption and soundproofing gear - protects the environment, your health and saves you money!

## SPECIFICATIONS

**WORKING RANGE**  
8" IPS - 24" DIPS

**MATERIALS**  
HDPE, PP

**WEIGHT**  
6613.8 lbs (3000 Kg)  
Only body machine 1763.7 lbs (800 Kg)  
Heater 110 lbs (50 Kg)  
Facer 330.6 lbs (150 Kg)

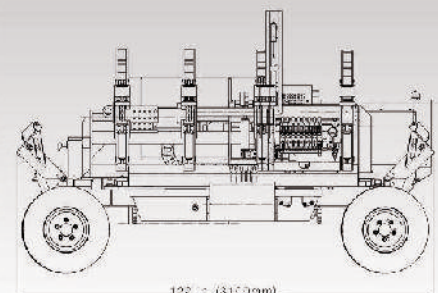
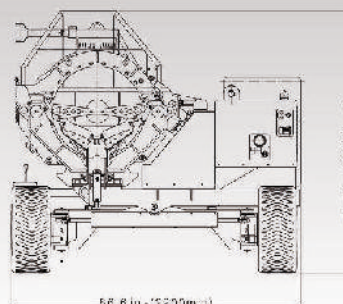
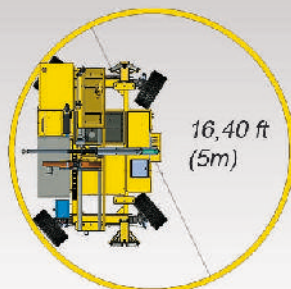
**ENGINE**  
2200 cc - 22,7 kW

**FUEL TYPE**  
DIESEL

**FUEL TANK CAPACITY**  
10,5 Gallons (40 Liters)

**OPERATIONAL TANK CAPACITY**  
12 Hours

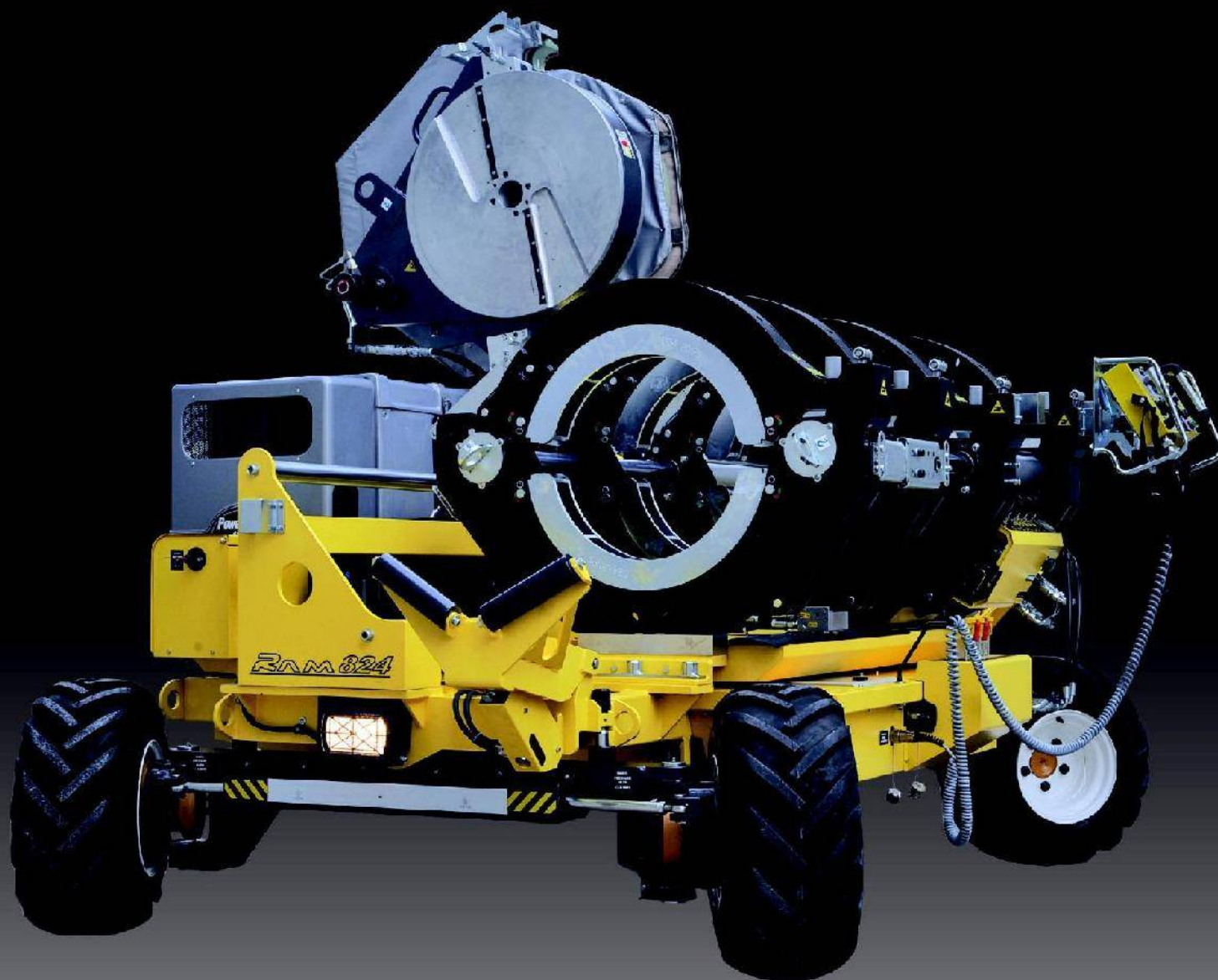
**HYDRAULICS Reservoir capacity**  
21 Gallons (80 Liters)





# RAM 824

HIGH DESIGN PIPE EQUIPMENT



## High level performance

- 4 STEERING WHEELS DRIVE
- DIESEL-ENGINE
- SELF-CONTAINED WITH ON-BOARD GENERATOR
- SLIDING 3RD JAW FOR FITTINGS WELDING
- AUTOMATIC WELDING SYSTEM "EASY LIFE"
- DATA-LOGGING WITH GPS
- DETACHABLE CONTROL PANEL
- REMOTELY WIRE-CONTROLLED UP TO 40 FT (12m)
- TRENCH-FRIENDLY
- WORKING RANGE: Ø 8" IPS - 24" DIPS (225 - 630mm)
- SMARTLOCK INSERTS
- HYDRAULIC LIFTS
- HYDRAULIC-CONTROLLED JAWS
- HYDRAULIC-CONTROLLED FACER
- ADJUSTABLE SPEED MAXIMUM 3 mph - 5 Km/h
- REDUCED FUEL CONSUMPTION
- SOUNDPROOF ENGINE
- CLIMBS ROUGH TERRAIN UP TO 30%



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