

Ram 414



The **RAM 414** is an independent and motorized electro-hydraulic butt fusion machine with fusion capabilities ranging from **4" IPS to 14" IPS** pipe sizes. The machine is designed for in-field fusion of HDPE pipe and fittings and other plastic pipes.

The RAM 414 is provided with Ritmo's unique and innovative programming and control system, **Easy-Life**. The Easy-Life system permits the operator to program and perform all the fusion procedures quickly and easily. The program/control panel allows the operator to set the machine for heating temperature, facing pressure, heating time, soaking time, fusion pressure, fusion time, and cooling time. It incorporates a **data-logging device** and **GPS system** for the easiest and absolute associability of fusion information and location of the pipeline joints thru the years. Easy-Life system can be connected to a PC or computer handbook to download all the fusion cycles and GPS information.

The Ram 414 is powered by an on-board low vibration 15 HP **gasoline engine**, and the 4-wheel chassis is **motorized** for easy maneuvering of the equipment in all terrain conditions.

The machine is equipped with an **hydraulic pipe lift roller**. The machine body and clamping system can be easily removed from the 4-wheeled frame and chassis for **in-ditch use**, the Easy-Life program/control panel can also be removed from the chassis to allow the operator to control the fusion procedures out of the ditch.

The **RAM 414** includes additional features designed for operator safety and increased production like our patented **Quick-Click** insert system that permits fast installation and removal of the pipe inserts. No "master inserts" are needed for smaller diameter pipe.

