



MECMAR

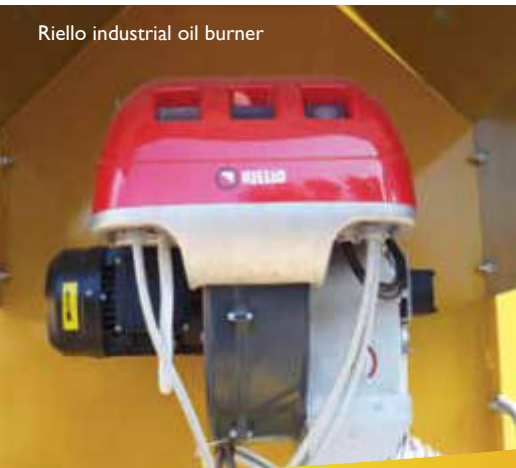
INDUSTRIAL GRAIN DRIERS

STR Range



STR 13T - Four motor electric drive, standard automatic, LPG fired

Riello industrial oil burner



Solid shaft drive system



Galvanised structure



OPTIONS

DRIVE

Selecting a suitable drive option for a grain drier may significantly reduce operating costs. Mecmar drive options include tractor drive, four motor electric drive and dual drive.



TRACTOR DRIVE



FOUR MOTOR
ELECTRIC DRIVE



DUAL DRIVE

AUTOMATION

A well specified automated system may significantly decrease drier management time and can increase daily output. The automation options available are tractor driven automatic empty, electric driven automatic empty, standard automatic and advanced automatic.



TRACTOR
DRIVEN AUTO-
MATIC
EMPTY



ELECTRIC
DRIVEN
AUTOMATIC
EMPTY



STANDARD AU-
TOMATIC



ADVANCED
AUTOMATIC

FUEL

Fuelling the burner of a grain drier is the largest single operating expense and generally accounts for over half the total operating cost. These figures may vary depending on fuel selection. Fuel options include diesel, kerosene or LPG.



DIESEL



KEROSENE



LPG



METHANE
& BIOGAS

STR 13 T - Four motor electric drive, standard automatic, oil fired



OPTIONS

FILLING

There is a wide range of filling options for Mecmar grain driers. Options include standard loading hopper, shortened loading hopper, stubby loading hopper and pit loading auger.



STANDARD
HOPPER



SHORTENED
HOPPER



STUBBY
HOPPER



PIT
AUGER

EMPTYING

Mecmar grain driers have a choice of emptying options. The grain can be emptied either through the screen to both sides, over the screen to either side, over the screen to both sides or through an electric cross auger. All emptying systems may be customised to suit individual requirement.



THROUGH
SCREEN
BOTH SIDES



OVER
SCREEN
EITHER SIDE



OVER
SCREEN
BOTH SIDES



ELECTRIC
CROSS AUGER

CROP CLEANING

The crop sample can be improved during drying using the screen cleaner and an aspirator if fitted. To control dust around the grain drier a bubble top auger and solid screens on the bottom cone help to create a cleaner environment.



SCREEN
CLEANER



ASPIRATOR



BUBBLE TOP
CENTRAL
AUGER



SOLID SCREENS



Mecmar grain driers prepared for delivery



Central auger gearbox



On-board
three phase generator



STR 13 T - Four motor electric drive, standard automatic, oil fired, aspirator



Galvanised intake auger tube, bottom boot and inspection door



LPG Burner and electric control panel



STR 13 T - tractor drive, oil fired