

**NEW**



# LamaCaster H100 Mk3

**A New Generation of Hydraulic Multi-Slide  
Die Casting Machine**

**Titus**  
Technologies

A fast, powerful and accurate multi-slide hydraulic machine used for larger castings where tight tolerances, thin wall sections and excellent surface finish are the priority.



## Specification

### Locking force:

20 tonnes

### Tool size:

100 mm x 100 mm

### Shot weight:

up to 370 g

### Dry cycle speed:

60 cycles per minute

The **LamaCaster H100 Mk3** delivers all the benefits of multi-slide technology: **speed, power, precision** and **significant savings in raw material, energy and labour**. In addition, the new H100 has been upgraded in several areas resulting in major benefits for the user.

## Hydraulics

### New configuration of machine hydraulics

- Greater speed
- Improved injection performance (90% casting yield)
- Shot to shot repeatability
- More responsive
- Quieter

## Clamping

### Hydraulic thruster added to clamping system

- 20 tonnes clamping force
- Fast acting toggle system
- Accurate low pressure close
- Minimal flash on parts
- Dimensional accuracy

## Back plate layout

### Larger back plate

- Easy access
- Faster tool changes (20 min)
- Quicker maintenance
- Operator friendly
- Easy to operate

## Programme

### Completely new programme

- Max process control
- Max operator feedback
- Optimal productivity
- Optimal casting quality
- Complex net shape parts with thin walls (down to 0.5 mm), tight tolerances (+/- 0.003 mm) and good surface finish

