# FRONT END LOADER

# THE BENCHMARK

Still as bullet-proof as the original

HILLEND ENGINEERING
FARID | ZOELLER GROUP

For more than 35 years our **FRONT END LOADER** has been the benchmark in the UK and Europe, during which time it has evolved through design tweaks and upgrades.

Our latest model is the result of customer feedback and operational requirements

We built a pre-production model, retaining the very best tried and tested parts that have always been at the heart of the original, then we tested it almost to the point of destruction, to ensure that it's as tough and hard wearing as its always been.

## KEY FEATURES

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| Hopper capacity: 9.2m³ |
| Body capacity: 30.6 - 36.45m³ |
| Chassis: 26T - 32T |
| Max compacting ratio: 6:1 |
| Cycle time: 32 - 38 seconds |
| Maximum bin width: 1,950mm |

## ADDITIONAL FEATURES

- Speed and flexibility from the market leading FRONT END LOADER
- Ergonomic Joystick Controls
- Ergonomically designed for ease of operation and maintenance
- Designed to handle containers from the EN840 & EN 12574 series of standards up to 5000 Litres
- Tried, tested and trusted design
- Suitable for a wide variety of 26 & 32 tonne chassis
- Fully automatic self levelling forks available
- Compatible with all major weighing systems
- 4 tailgate sizes, and various arm, fork and top door configurations

**FRONT END LOADER** – a full range of options tailored to your needs.

Find out more about our **FRONT END LOADER**, or book a demonstration vehicle, contact us today on **+44 (0)1383 823 625** or email **salesinfo@hillendeng.com**

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## TECHNICAL INFORMATION

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|---|
| Body external dimensions (arms down): L 10,200-11,000mm / W 2,542mm / H 2,730mm |
| Maximum working pressure: 170 bar |
| Engine revs during working phases: 1,300 rpm (approx) |
| Lifting arm cycle time[1]: 15 - 17 seconds (same for all models) |
| Packer cycle time: 32 -38 seconds (same for all models) |
| Container pump cycle time[2]: 27 - 30 seconds (same for all models) |
| Maximum bin width[3]: 1,950mm |

## HYDRAULIC SYSTEM

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| Pump type (standard): Vane |
| Maximum operating pressure: 170 Bar |
| Working RPM: 1,300 approximate |
| Litres at working RPM: 126 litres/min |
| Tank capacity (litres): 155 |
| Filter: 100 mesh reusable suction screen 10µ,return filter |

## CYLINDER SPECIFICATION

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| **Ejector - double acting telescopic** |
| Number of Stages: 3  Bore x Stroke: 140 x 4,623 mm |
| **Tailgate raise - double acting** |
| Bore x Stroke: 76 x 622 mm |
| **Tailgate locks - double acting** |
| Bore x Stroke: 76 x 92 mm |
| **Arms - double acting** |
| Bore x Stroke: 114 x 1,200 mm |
| **Forks - double acting** |
| Bore x Stroke: 102 x 710 mm |
| **Top door - double acting**[4] |
| Bore x Stroke 64 x 2,286 mm |

## PLATE SPECIFICATIONS (conform to BS EN 10025 S550)

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| Body sides - thickness: 4 mm |
| Body floor - thickness: 4.7 mm |
| Roof - thickness: 4 mm |
| Hopper floor - thickness: 5 mm |
| Hopper side walls: 5 mm |
| Tailgate side walls: 3 mm |
| Packer - material thickness: 4.7 mm |

## FINISHING

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| Fully chemically pre treated units prior to the application of a 2k epoxy primer surfacer coating |
| Finished in a customer specific colour range of either 2k High Solid Polyurethane topcoat or Waterborne based metallics & clear coats |

[1] Actual figure varies depending on door type fitted; hinged top door 18–20 seconds.
[2] Actual figure varies depending on top door type.
[3] Standard hopper shown. Tapered hopper 2000 mm. Note, measurements include any external pockets or bracing.
[4] Sliding door (SLTD) shown. Rear Hinged top door (RHTD) 102 x 610mm and Side Opening top door (SOTD) 50 x 400mm

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