



**High Capacity Trucks**  
for heavy duty applications.

Yale®

# High Capacity truck solutions.

Comprising of the VX and DF/EF Series models and with truck capacities from 6.0 to 16.0 tonnes and combining smart design with intelligent ergonomics, providing maximum operator comfort and operational efficiency. Yale high capacity trucks are designed for use in a diverse range of industries, all excel in intensive work cycle businesses.



Food



Beverage



Logistics



Paper, pulp  
and recycling



Chemical



Manufacturing

For the Beverage industry; Yale trucks are designed for multi-pallet handling of fragile loads. For Steel industry; innovative clamps can handle hot ingots and coils as they are cast leaving the process at up to 900°C.

Paper and recycling; trucks can transport pulp or waste paper bales using specially designed clamps. Chemical and hazardous materials logistics; trucks are often required to operate in potentially explosive atmospheres handling flammable material, Yale has capabilities that meet the applicable EU regulatory requirements.



Recycling

# Trucks for **heavy duty** and intensive applications.

Designed to handle a range of heavy duty and intensive applications and with options available to suit specific industry requirements including raised cabs, special paint for use in extreme temperature environments and front-end equipment for specialised applications, the Yale high capacity truck range can be tailored to your business needs.

Special mast for large load



# The versatile

## VX and DF/EF Series

The VX Series 6.0-8.0t and 8.0-9.0t trucks are engineered to provide operators with a choice of truck that suits application requirements.

- Engines suitable for Stage IV EU regulated markets.
- **Base model:** lower cost without sacrificing performance.
- **Value model:** optimised for performance and lowest cost of operation.
- **Productivity model:** Maximum performance in heavy duty applications (8.0-9.0t trucks only)

### VX Series 6.0-8.0t features

#### Auto-deceleration system (ADS)

automatically decreases speed when throttle released. Reduces wear and tear on brakes and tyres.

#### Intellix vehicle system manager (VSM)

maximises uptime by monitoring and protecting key functions of the truck.

#### Controlled power reversal (CPR)

regulates directional change and reduces tyre wear.

#### Two transmission options –

Techtronix 300 / Autospeed Hydraulics.

**Controlled roll back on ramps (CRB)** safety measure for confident operator control. Smooth electronic inching and neutral start with brake interlock.



### VX Series 8.0-9.0t features

**Isolated powertrain** and full suspension seat.

**Ergonomically positioned** operators seat with integrated armrest.

**Techtronix 300 Autospeed Hydraulics.**

#### Intellix Vehicle System Manager (VSM)

maximises uptime by monitoring and protecting key functions of the truck.

**Operator compartment** with clear unobstructed foot space and easy 3 point entry.

**Dash display** transmits continuous feedback to the operator of the truck's status.

**Smooth electronic inching,** shift and neutral start with brake interlock.

**Controlled roll back (CRB)** on ramps for confident operator control on gradients.



## DF/EF Series 8.0-16.0t

The nine models of the Yale DF and EF Series are heavy duty trucks designed to handle the most arduous applications and feature Stage IV engines for reduced emissions. A 16t capacity truck with a load centre of 1200mm is also available. This allows cumbersome loads to be carried more effectively.

### DF/EF Series 8.0-16.0t features

#### Auto-shift transmission

features smooth speed range shifting, electronic inching and diagnostics. Plus protective lock out on forward and reverse shifting to protect the transmission.

#### Adjustable transmission

incorporates parameters for engine travel speeds.

**2 Stage mast with pin and hook carriage.**

**Stage IV diesel engines** deliver for long periods, excellent acceleration and smooth torque for lugging.

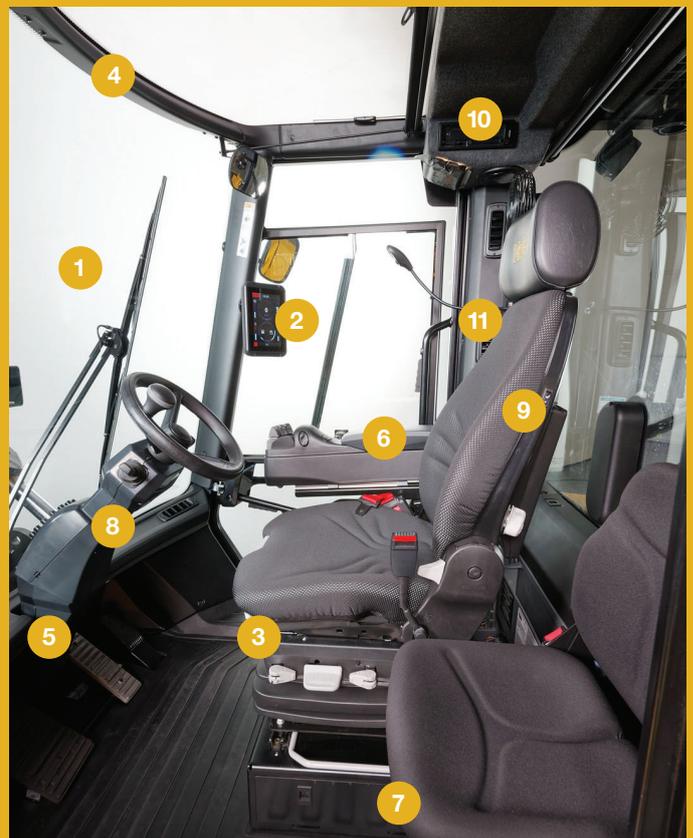
**Engine, transmission and hydraulic protection systems** monitor temperatures and pressures and are designed to monitor truck reliability, productivity and uptime.

**Smooth inching** for precise load handling and stacking.



### New automotive style cab design

1. "Cockpit-style" operating space
2. Integrated performance display
3. Lateral seat sliding  
Improves view of task at hand
4. Visibility & protection  
Curved front and rear windows, armoured glass top window, toughened glass doors.
5. Heat & air-con  
High capacity heating, ventilation and air-con system.
6. Adjustable control arm  
With wrist cushion and mini-levers.
7. Easy ingress & egress  
Entry height: 1565-1581mm  
Entry width: 710-890mm
8. Adjustable steering column angle of 30 degrees and 95mm
9. Swivel and suspension seating  
Dual function for comfort and efficiency.
10. Removable air filter  
Serviceable and reduces airborne contaminants.
11. Adjustable air vents and optional air-con



# High visibility mast improves productivity.

High visibility mast for truck operators with the most demanding applications.

Extended range of carriage options  
Pin type carriages:



Apron-style sideshift and fork positioner pin type carriage



Standard fork positioning pin type carriage



Apron-style sideshift and fork positioning pin type carriage



Dual function sideshift fork positioning carriage

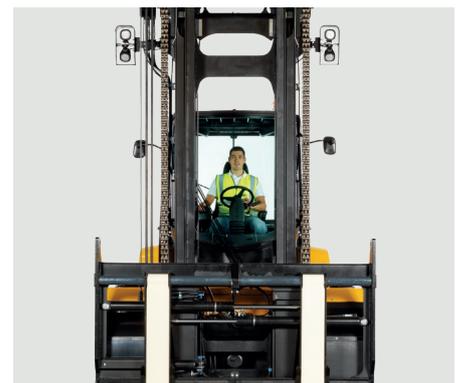
## Features/advantages

YALE'S 2 STAGE MASTS WITH PIN AND HOOK TYPE CARRIAGES ON THE GDP80-120DF AND GDP130-160EF		APRON-STYLE SIDESHIFT AND FORK POSITIONING PIN TYPE CARRIAGE		DUAL FUNCTION SIDESHIFT AND FORK POSITIONING CARRIAGE (DFSSFP) - "TERMINAL WEST STYLE":	
Excellent visibility to the forks and load	✓	Enhanced capacity	✓	The hook type forks allow for quick disconnect	✓
Optimised forward visibility	✓	Maximum sideshift available in any position of the fork. - Only with sideshift apron-style carriage	✓	Easy exchange between forks and attachments	✓
Extended range of carriage options	✓	Fork is not locked at the heel allowing the fork to swing	✓	Greater visibility for the operator to the forks and load	✓
Manoeuvrability through reduced mast height and truck width	✓	Allows minor sideloading on the forks	✓	Larger sideshift range compared to pin type carriage (depending on fork position)	✓
Excellent durability and reliability	✓			Forks are fixed at the heel to the carriage preventing fork swing	✓
Chains moved to the outside of the mast	✓			When sideshifting the carriage frame does not move sideways preventing the frame from going outside the normal truck width	✓
Open carriage for 10-16 tonne truck models with more space between the top and the bottom	✓				
Allows operators to look through the carriage	✓				
Optimised for ground level and lorry bed height	✓				
Top bars are placed at an angle to minimise obstruction	✓				
Improved location of the valve block on the carriage	✓				

## Increased lifting capacity

Extra lifting capacity of 400kg with the sideshift apronstyle pin type carriage design allows less weight of the carriage.

- Moving the load closer to the centre of the truck reduces "lost" load
- For actual truck rating capacities with alternate mast and carriage options, see mast and capacity information in respective spec sheets GDP80-120DF and GDP160EF
- Reducing the axle width allows easier road transportation in Europe



# Engineered for you.

## Productivity

Whatever Yale materials handling equipment you're using, rest assured it's engineered to deliver superb levels of productivity.

A host of performance features provide unbeatable fast load handling, smooth direction changes and excellent manoeuvrability in tight spaces. All the characteristics to take productivity to a higher level.

## Ergonomics

The more comfortable your operators, the more productive and profitable your operation will be. That's why all our trucks have comfort and ergonomically advanced features designed in.

Creating an operating environment that represents the ideal work place for operators.

## Reliability

With Yale materials handling equipment, you can feel the quality. Innovative design and standard-setting engineering are backed up by a reassuringly robust solid construction – and that same level of dependability extends to what you can't see and touch on the surface. Inside and out, Yale trucks are built for long-lasting durability.

## Serviceability

Yale trucks are designed to reduce downtime to an absolute minimum. We use only the most reliable industrial quality components to keep your equipment and your operation running smoothly.

Yale trucks also offer simple access, state of the art fault finding diagnostics plus unrivalled parts availability – everything to make servicing and maintenance faster and easier.

## Cost of ownership

Yale and its dealer network are committed to supporting customers during the entire lifecycle of its products from:

- Choosing the most productive and energy efficient model for your application to advising on the most effective layout for your warehouse and the materials handling equipment required using our unique Warehouse Simulator
- Identifying additional services including finance options from Yale Financial Services to fleet management using Yale Vision telemetry to monitor truck use and maximise utilisation
- Providing expert maintenance and repair through our independent network of Yale Dealers and Service technicians

Chemical handling



# About Yale<sup>®</sup>



Yale is a leading global manufacturer and supplier of high-quality counterbalance forklift trucks, warehouse equipment and fleet solutions. 'People, products and productivity' sums up our approach to the materials handling business. With over 140 years' experience, we are proud of our reputation as an innovative, forward-thinking manufacturer.

Yale dealerships provide flexible truck servicing solutions and are linked to one of the industry's most sophisticated parts distribution operations. You'll find support for Yale forklifts throughout the EMEA region – provided by a big regional footprint stretching through Europe, Middle East and Africa.

## Materials handling for:



Automotive



Beverage



Chemical



Construction



Food



Logistics



Metals



Paper



Retail



Wood

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Publication part no. 220990561 Rev.05  
Printed in The Netherlands (0920DMS) EN.

HYSTER-YALE UK LIMITED trading as Yale Europe Materials Handling.

**Safety:** This truck conforms to the current EU requirements.

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