



FERRARI

PRODUCT RANGE OVERVIEW



**THE VALUE
OF EXPERIENCE**

LADEN CONTAINER HANDLING REACHSTACKERS

F500.RS-V

**ENERGY
SAVING**



VALUE AT GLANCE

Designed to provide the highest return on investment and availability for container handling operations the CVS FERRARI F500.RS-V Reach Stackers are the reliable, cost effective, value creating partner of every laden container yard. They get the job done, thanks to their uncompromised quality and unconstrained performances. Always delivering.



MODELS

F500.RS2-V
F500.RS3-V
F500.RS5-V PB


TECHNICAL SPECIFICATIONS



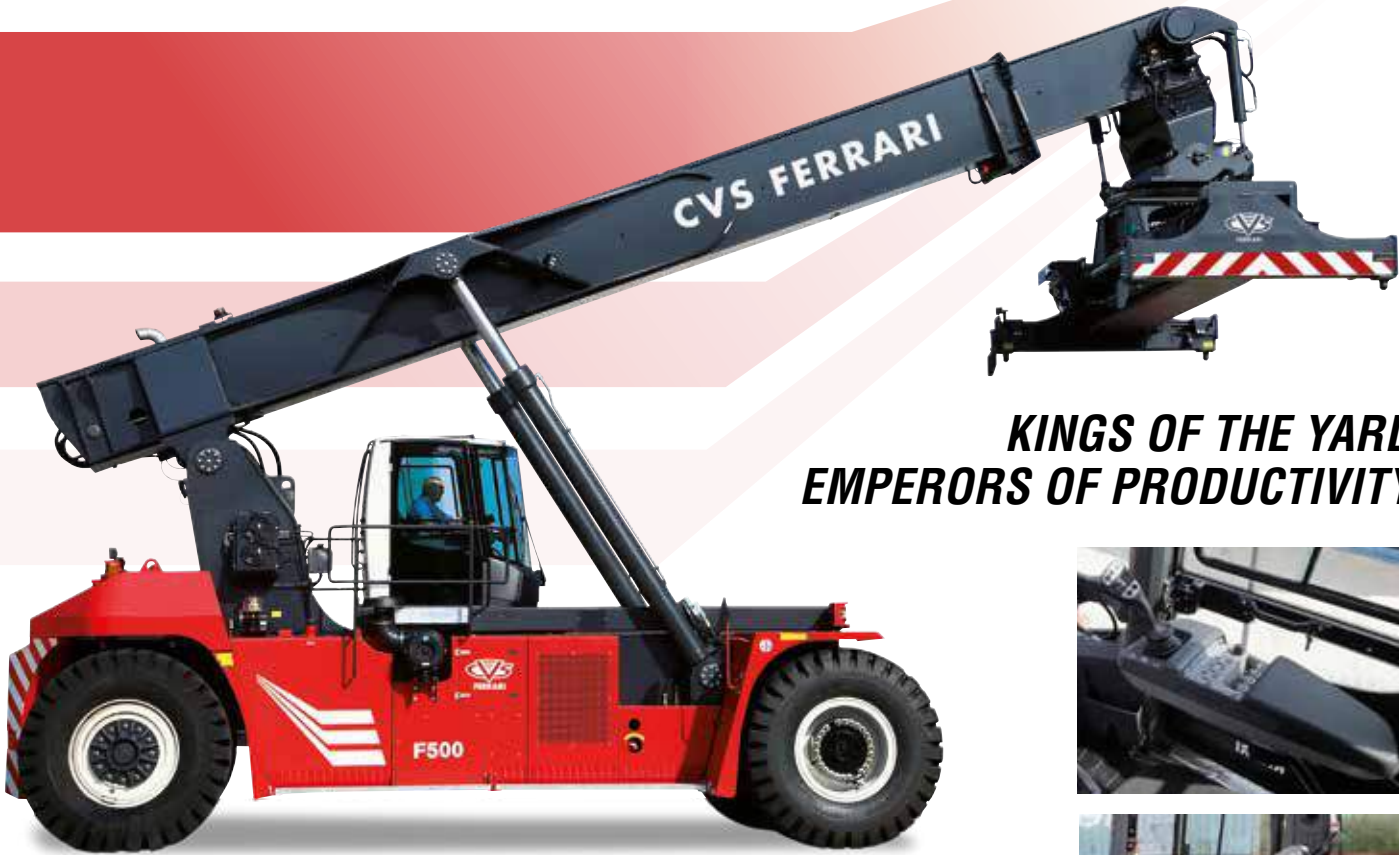
| Make | | CVS FERRARI | | | | | | | | |
|---|------|--|--------|--------|---------------------------|--------|--------|---------------------------|--------|--------|
| Truck Type | | Laden Container Handling Reach Stacker | | | | | | | | |
| Model | | F500.RS2-V | | | F500.RS3-V | | | F500.RS5-V PB | | |
| Attachment type | | 20'/40' Top Pick Spreader | | | | | | 20'/40' Top Piggy back | | |
| Load capacity on tires at 1st/2nd/3rd row (no stab) | kg | 45.000 | 31.000 | 16.000 | 45.000 | 32.000 | 16.500 | 44.000 | 26.000 | 11.000 |
| Load centre distance at 1st/2nd/3rd row | mm | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 |
| Load capacity on stabilizers at 1st/2nd/3rd row* | kg | Stabilizers not available | | | Stabilizers not available | | | Stabilizers not available | | |
| Load centre to front face of the truck. | mm | 830 | | | 830 | | | 930 | | |
| Lifting height under twist-lock | mm | 15.100 | | | 15.100 | | | 14.700 | | |
| Stacking Ability - containers | | 5 = 5 x 9'6" | | | 5 = 5 x 9'6" | | | 5 = 5 x 8'6" | | |
| Wheelbase | mm | 6.500 | | | 6.500 | | | 6.500 | | |
| Service weight - unladen | kg | 71.900 | | | 72.400 | | | 81.000 | | |
| EU Stage IIIA Engine make&model (Rated Power) | (kW) | CUMMINS X12 (250) | | | | | | | | |
| EU Stage V Engine make&model (Rated Power) | (kW) | CUMMINS X12 (250) | | | | | | | | |
| Transmission make&model | | DANA TE30 | | | | | | | | |
| Service Brakes | | Cooled wet disk brake | | | | | | | | |
| Tires size | | 18.00-25 40PR | | | 18.00-25 40PR | | | 18.00-33 40PR | | |
| Overall width - excluding Spreader | mm | 4.185 | | | 4.185 | | | 4.185 | | |
| Overall length - including spreader | mm | 11.820 | | | 11.820 | | | 11.840 | | |
| Overall height | mm | 4.930 | | | 4.930 | | | 5.030 | | |
| Seat height | mm | 2.820 | | | 2.820 | | | 2.920 | | |
| Spreader rotation - clocwise/anticlockwise | deg | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | |
| Spreader side-shift - left / right | mm | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | |
| Boom Angle (min / max) | deg | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | |

* option

LADEN CONTAINER AND INTERMODAL HANDLING REACHSTACKERS

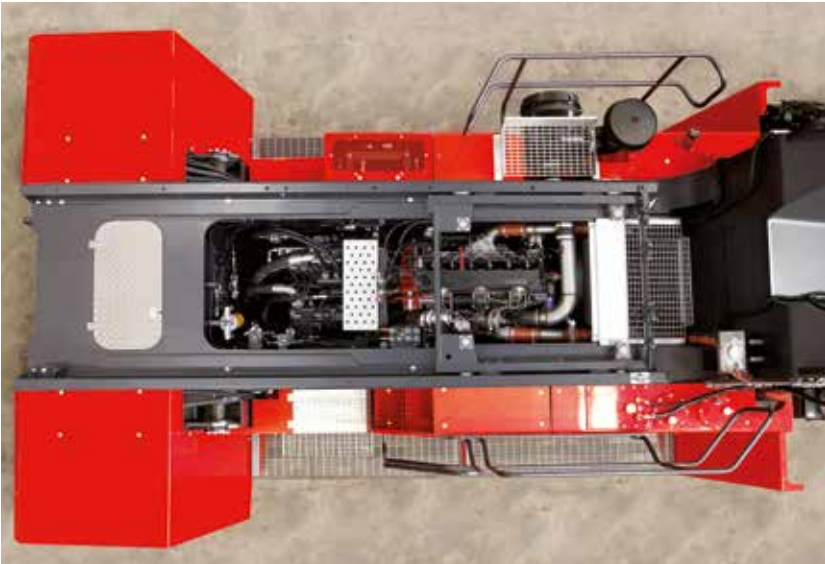
F500.RS-E

ENERGY
SAVING



*KINGS OF THE YARD
EMPERORS OF PRODUCTIVITY*

The CVS FERRARI F500.RS-E Reach Stackers are at the forefront of the industry for their unmatched structural strength and durability, the superior ENERGY SAVING technology they incorporate, the productivity and cost efficiency they always deliver. In their everlasting structures, they host only prime main components from the most reputable international suppliers, feature the state-of-the-art systems and are always connected thanks to their unique Remote Monitoring System.



| | |
|---|------|
| Make | |
| Truck Type | |
| Model | |
| Attachment type | |
| Load capacity on tires at 1st/2nd/3rd row (no stab) | kg |
| Load centre distance at 1st/2nd/3rd row | mm |
| Load capacity on stabilizers at 1st/2nd/3rd row * | kg |
| Load centre to front face of the truck. | mm |
| Lifting height under twist-lock | mm |
| Stacking Ability - containers | |
| Wheelbase | mm |
| Service weight - unladen | kg |
| EU Stage IIIA Engine make&model (Rated Power) | (kW) |
| EU Stage V Engine make&model (Rated Power) | (kW) |
| Transmission make&model | |
| Service Brakes | |
| Tires size | |
| Overall width - excluding Spreader | mm |
| Overall length - including spreader | mm |
| Overall height | mm |
| Seat height | mm |
| Spreader rotation - clocwise/anticlockwise | deg |
| Spreader side-shift - left / right | mm |
| Boom Angle (min / max) | deg |

* option

MODELS

F500.RS2-E
F500.RS3-E
F500.RS5-E
F500.RS6-E
F500.RS4-E PB
F500.RS5-E PB
F500.RS6-E PB


TECHNICAL SPECIFICATIONS



| CVS FERRARI | | | | | | | | | | | | | | | | | | | | |
|---|--------|--------|---------------------------|--------|--------|----------------------|--------|--------|----------------------|--------|--------|---------------------------|--------|--------|----------------------|--------|--------|----------------------|--------|--------|
| Laden Container and Intermodal Handling Reach Stacker | | | | | | | | | | | | | | | | | | | | |
| F500.RS2-E | | | F500.RS3-E | | | F500.RS5-E | | | F500.RS6-E | | | F500.RS4-E PB | | | F500.RS5-E PB | | | F500.RS6-E PB | | |
| 20'/40' Top Pick Spreader | | | | | | | | | | | | 20'/40' Piggy Back | | | | | | | | |
| 46.000 | 31.000 | 16.000 | 46.000 | 33.000 | 17.000 | 46.000 | 36.000 | 19.000 | 46.000 | 39.000 | 21.000 | 45.000 | 30.000 | 14.000 | 45.000 | 31.000 | 14.000 | 45.000 | 34.000 | 16.000 |
| 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 |
| Stabilizers not available | | | Stabilizers not available | | | 46.000 42.000 27.000 | | | 46.000 43.000 29.000 | | | Stabilizers not available | | | 45.000 36.000 22.000 | | | 45.000 37.000 24.000 | | |
| 830 | | | 830 | | | 930 | | | 930 | | | 930 | | | 930 | | | 930 | | |
| 16.100 | | | 16.100 | | | 16.200 | | | 16.200 | | | 16.200 | | | 16.200 | | | 16.200 | | |
| 1 over 5 = 6 x 8'6" | | | 1 over 5 = 6 x 8'6" | | | 1 over 5 = 6 x 8'6" | | | 1 over 5 = 6 x 8'6" | | | 5 x 9'6" | | | 5 x 9'6" | | | 5 x 9'6" | | |
| 6.500 | | | 6.500 | | | 6.500 | | | 6.500 | | | 6.500 | | | 6.500 | | | 6.500 | | |
| 72.000 | | | 73.500 | | | 78.000 | | | 81.000 | | | 81.600 | | | 84.000 | | | 86.800 | | |
| CUMMINS X12 (250) | | | | | | | | | | | | | | | | | | | | |
| CUMMINS X12 (250) | | | | | | | | | | | | | | | | | | | | |
| DANA TE30 | | | | | | | | | | | | | | | | | | | | |
| Wet disk on front wheels | | | | | | | | | | | | | | | | | | | | |
| 18.00-25 40PR | | | 18.00-25 40PR | | | 18.00-33 40PR | | | 18.00-33 40PR | | | 18.00-25 40PR | | | 18.00-33 40PR | | | 18.00-33 40PR | | |
| 4.185 | | | 4.185 | | | 4.185 | | | 4.185 | | | 4.185 | | | 4.185 | | | 4.185 | | |
| 11.980 | | | 11.980 | | | 11.980 | | | 11.980 | | | 12.000 | | | 12.000 | | | 12.000 | | |
| 4.800 | | | 4.800 | | | 4.900 | | | 4.900 | | | 4.800 | | | 4.900 | | | 4.900 | | |
| 2.720 | | | 2.720 | | | 2.820 | | | 2.820 | | | 2.720 | | | 2.820 | | | 2.820 | | |
| -105 / +195 | | | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | |
| +800 / -800 | | | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | |
| 0 / 60 | | | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | |

HIGH CAPACITY INTERMODAL AND BULK HANDLING REACHSTACKERS

F500.RS-E

**ENERGY
SAVING**



**LIFT EXTREMELY
HEAVY LOADS AT
EXTENDED LOAD CENTERS**

The CVS FERRARI High Capacity Reach Stackers provide additional lifting power and range of reach for the more demanding environments. Thanks to their reinforced structures, longer wheelbase and front jacks they can handle more weight at far extended centers of gravity. That makes this range of “bison” reach stackers to be the ideal solution for second rail and barge handling applications, or when handling heavy pipes off stock piles, steel slabs off block stacks or to pick and carry bulky and heavy windmill components.



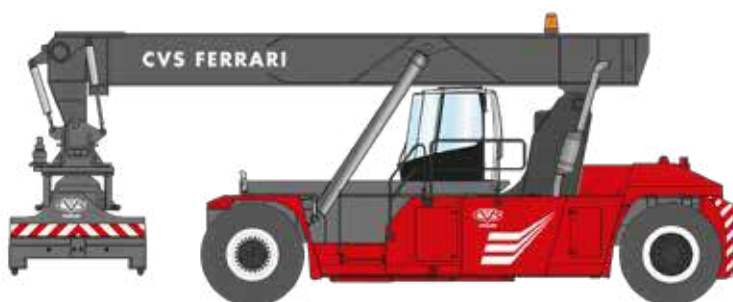
MODELS

F500.RS7-E

F500.RS8-E

F500.RS7-E PB

F500.RS8-E PB



TECHNICAL SPECIFICATIONS



| Make | | CVS FERRARI | | | | | | | | | | | |
|---|------|--|--------|--------|---------------------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|
| Truck Type | | High Capacity Intermodal and Bulk Handling Reach Stacker | | | | | | | | | | | |
| Model | | F500.RS7-E | | | F500.RS8-E | | | F500.RS7-E PB | | | F500.RS8-E PB | | |
| Attachment type | | 20'/40' Top Pick Spreader | | | | | | 20'/40' Piggy Back | | | | | |
| Load capacity on tires at 1st/2nd/3rd row (no stab) | kg | 46.000 | 44.000 | 25.000 | 46.000 | 44.000 | 27.000 | 45.000 | 39.000 | 20.000 | 45.000 | 39.000 | 22.000 |
| Load centre distance at 1st/2nd/3rd row | mm | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 | 1.780 | 3.850 | 6.400 |
| Load capacity on stabilizers at 1st/2nd/3rd row | kg | 46.000 | 46.000 | 33.000 | 46.000 | 46.000 | 36.000 | 45.000 | 42.000 | 32.000 | 45.000 | 42.000 | 35.000 |
| Distance, ctr of drive axle to face of front tyres | mm | 930 | | | 930 | | | 930 | | | 930 | | |
| Lifting height under twist-lock | mm | 16.200 | | | 16.200 | | | 15.600 | | | 15.600 | | |
| Stacking Ability - containers | | 1 over 5 = 6 x 8'6" | | | 1 over 5 = 6 x 8'6" | | | 1 over 4 = 5 x 9'6" | | | 1 over 4 = 5 x 9'6" | | |
| Wheelbase | mm | 7.500 | | | 8.000 | | | 7.500 | | | 8.000 | | |
| Service weight - unladen | kg | 84.500 | | | 88.000 | | | 89.500 | | | 93.000 | | |
| EU Stage IIIA Engine make&model (Rated Power) | (kW) | CUMMINS X12 (250) | | | | | | | | | | | |
| EU Stage V Engine make&model (Rated Power) | (kW) | CUMMINS X12 (250) | | | | | | | | | | | |
| Transmission make&model | | DANA TE30 | | | | | | | | | | | |
| Service Brakes | | Wet disk on front wheels | | | | | | | | | | | |
| Tires size | | 18.00-33 40PR | | | 18.00-33 40PR | | | 18.00-33 40PR | | | 18.00-33 40PR | | |
| Overall width - excluding Spreader | mm | 4.185 | | | 4.185 | | | 4.185 | | | 4.185 | | |
| Overall length - including spreader | mm | 12.980 | | | 13.480 | | | 13.000 | | | 13.500 | | |
| Overall height | mm | 4.900 | | | 4.900 | | | 4.900 | | | 4.900 | | |
| Seat height | mm | 2.820 | | | 2.820 | | | 2.820 | | | 2.820 | | |
| Spreader rotation - clocwise/anticlockwise | deg | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | | -105 / +195 | | |
| Spreader side-shift - left / right | mm | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | | +800 / -800 | | |
| Boom Angle (min / max) | deg | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | | 0 / 60 | | |

EMPTY CONTAINER HANDLING REACHSTACKERS

F500.RS-EC

***FOR
SPECIAL
EMPTY
CONTAINER
HANDLING
TASKS***



Working in demanding applications where doorways or overhead wires must be negotiated, the CVS FERRARI RS-ECH empty reach stacker is an invaluable tool for many end users. With the ability to unload second rail from one side reaching over a first rail line or to be selective in the stack, this machine resolves otherwise problematic handling tasks and it does it with the proverbial safety and productivity of any CVS FERRARI branded equipment.





TECHNICAL SPECIFICATIONS



| | | | | |
|---|------|--|--------|-------|
| Make | | CVS FERRARI | | |
| Truck Type | | Empty Container Handling Reach Stacker | | |
| Model | | RS-EC | | |
| Attachment type | | 20'/40' Top Pick Spreader | | |
| Load capacity on tires at 1st/2nd/3rd row (no stab) | kg | 12.000 | 10.000 | 6.000 |
| Load centre distance at 1st/2nd/3rd row | mm | 1.400 | 3.850 | 6.400 |
| Distance, ctr of drive axle to face of front tyres | mm | 700 | | |
| Lifting height under twist-lock [hook] | mm | 15.900 | | |
| Stacking Ability - containers | | 1 over 5 = 6 x 8'6" | | |
| Wheelbase | mm | 5.100 | | |
| Service weight - unladen | Kg | 45.000 | | |
| EU Stage IIIA Engine make&model (Rated Power) | (kW) | CUMMINS QSB 6.7 (164) | | |
| EU Stage V Engine make&model (Rated Power) | (kW) | CUMMINS B 6.7 (168) | | |
| Transmission make&model | | DANA TE17 | | |
| Service Brakes | | Cooled wet disc brake | | |
| Tires size | | 14.00-24 28PR | | |
| Overall width - excluding Spreader | mm | 4.150 | | |
| Overall length - including spreader | mm | 10.820 | | |
| Overall height | mm | 4.270 | | |
| Seat height | mm | 2.400 | | |
| Spreader rotation - clockwise/anticlockwise | deg | -95 / +185 | | |
| Spreader side-shift - left / right | mm | +800 / -800 | | |
| Boom Angle (min / max) | deg | 0 / 65 | | |

HYBRID POWER EMPTY CONTAINER HANDLING LIFT TRUCKS



***THE GAME
CHANGERS
THAT HALVES
EMISSIONS
AND TOTAL
COST OF
OWNERSHIP***



With CVS FERRARI introducing HY-LIFT a new era has begun for container handling lift trucks. The redundancy of power hydraulics and their replacement with electric powered winches directly mounted on the mast, allied to several other new and re-invented energy saving and power recovery technologies, has made the unthinkable a reality. The validated and unconditional slashing of the Total Cost of Ownership and of the Environmental Impact of these machine is now a fact destined to change both the life of the users and the course of the materials handling industry.

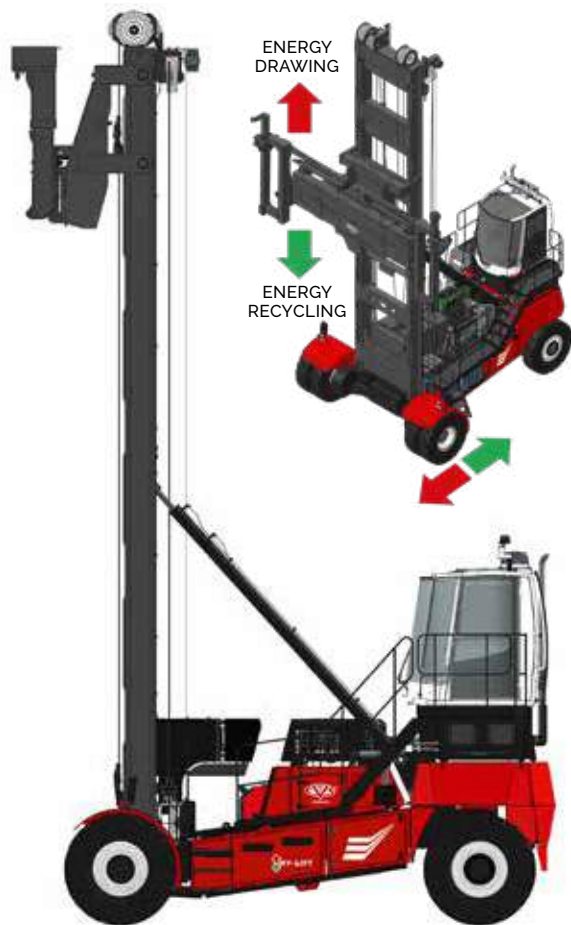
MODELS

HY08.6

HY08.8

HY11.7DS

HY10.8DS



TECHNICAL SPECIFICATIONS



| Make | | CVS FERRARI | | | |
|---|------------|---|---------------------|--|---------------------|
| Truck Type | | Hybrid Empty Container Handling Lift Truck | | | |
| Model | | HY08.6 | HY08.8 | HY11.7DS | HY10.8DS |
| Attachment type | | 20'/40' Side Pick Spreader - Single Stack type | | 20'/40' Side Pick Spreader - Double Stack type | |
| Lifting Capacity | kg | 8.000 | 8.000 | 11.000 | 10.000 |
| Load centre distance | mm | 1.220 | 1.220 | 1.220 | 1.220 |
| Load distance | mm | 1.145 | 1.145 | 1.250 | 1.250 |
| Maximum Lift height under twist-lock [hook] | mm | 16.100 | 21.200 | 18.600 | 21.350 |
| Stacking Ability - containers | | 1 over 5 = 6 x 8'6" | 1 over 7 = 8 x 8'6" | 2 over 6 = 8 x 8'6" | 2 over 7 = 9 x 8'6" |
| Wheelbase | mm | 4.560 | 4.560 | 4.560 | 4.560 |
| Service weight - unladen | Kg | 37.500 | 40.000 | 42.000 | 39.280 |
| EU Stage V Engine make&model (Rated Power) | (kW) | CUMMINS F3.8 (115) Turbocharged | | | |
| Transmission make&model | (kW) | 2 x electric motor - one at each wheel hub on drive axle (65 kW each motor) | | | |
| Lifting mechanism | | winch and rope system with 2x 65 kW electric motor | | | |
| Service Brakes | | Multiple wet disk brakes | | | |
| Tires size | | 14.00-24 28PR | 14.00-24 28PR | 14.00-24 28PR | 14.00-24 28PR |
| Truck height - Without mast | mm | 4.890 | 4.890 | 4.890 | 4.435 |
| Truck height - Including mast | mm | 16.870 | 12.845 | 11.545 | 12.830 |
| Overall length | mm | 6.870 | 6.890 | 6.790 | 6.890 |
| Seat height | mm | 3.350 | 3.350 | 3.350 | 3.350 |
| Mast Tilt, forward / backward | deg | -3,5 / +3,5 | -3,5 / +4,5 | -3,5 / +4,5 | -3,5 / +4,5 |
| Spreader side-shift | mm | +500 / -500 | +500 / -500 | +500 / -500 | +500 / -500 |
| Spreader hydraulic (mechanic) pile slope | deg / (mm) | (At 20/40ft position: approx. 150 mm) | | -3 / +3 | -3 / +3 |

FULL ELECTRIC EMPTY CONTAINER HANDLING LIFT TRUCKS

ZE-LIFT

**ENERGY
RECYCLING**

**ENVIRONMENT
PROTECTIVE
SUPER-EFFICIENT
EMPTY
HANDLERS**

ZE-LIFT is the Zero Emissions line of CVS FERRARI mast container handlers, that combine the patented energy recovery electric winch and rope lifting mechanism with lithium-ion batteries. Thanks to the unique CVS FERRARI landmark technology they can provide long and unmatched length of working shift between recharges and massively slashed operating cost in force of the lot of free recycled energy they produce and the virtually complete elimination of maintenance demanding mechanical and hydraulic components. The empty container handling version of Ze-Lift come in several models featuring single or double stack spreader.



ZERO EMISSION



MODELS

ZE08.6

ZE10.8

ZE11.7 DS

Energy drawn in



THE ENERGY
RECYCLED
BY ZE-LIFT
IS A FORM OF

**RENEWABLE
ENERGY**

BECAUSE IS

**FREE
&
CLEAN**

**10 HOURS
BATTERY
AUTONOMY**

Lithium Ions Battery



TECHNICAL SPECIFICATIONS



| | | | | |
|--|------------|--|---|---|
| Make | | CVS FERRARI | | |
| Truck Type | | Full Electric Empty Container Handling Lift Truck | | |
| Model | | ZE08.6 | ZE10.8 | ZE11.7 DS |
| Attachment type | | 20'/40' Side Pick Spreader Single Stack type | 20'/40' Side Pick Spreader Single Stack type | 20'/40' Side Pick Spreader Double Stack type |
| Lifting Capacity | kg | 8.000 | 10.000 | 11.000 |
| Load centre distance | mm | 1220 | 1220 | 1220 |
| Load centre to centre of front axle | mm | 2.390 | 2.410 | 2.470 |
| Maximum Lifting height under twist-lock [hook] | mm | 16.100 | 21.200 | 18.600 |
| Stacking Ability - containers | | 1 over 5 = 6 x 8'6" | 1 over 7 = 8 x 8'6" | 2 over 6 = 8 x 8'6" |
| Wheelbase | mm | 4.560 | 4.560 | 4.560 |
| Service weight - unladen | Kg | 38.500 | 41.500 | 43.000 |
| Drive Inverter & Motor | | High Voltage inverters for AC motors | | |
| Hydraulic function Inverter & Motor | | Power steering, mast tilting, attachment, A/C, brake | | |
| DC/DC Converter | | 512 VDC - 24 VDC | | |
| Service Brakes | | Multiple wet disk brake | | |
| Tires size | | 14.00 x 24 - 28PR | 14.00 x 24 - 28PR | 14.00 x 24 - 28PR |
| Overall width - excluding Spreader | mm | 4.640 | 4.640 | 4.640 |
| Overall length - including spreader | mm | 6.870 | 6.890 | 6.790 |
| Overall height - Mast lowered | mm | 16.780 | 12.845 | 11.545 |
| Seat height | mm | 3.350 | 3.350 | 3.350 |
| Max Tilt, forward / backward | deg | 3,5 / 4,5 | 3,5 / 4,5 | 3,5 / 4,5 |
| Mast Tilt, forward / backward | mm | +500 / -500 | +500 / -500 | +350 / -350 |
| Spreader hydraulic (mechanic) pile slope | deg / (mm) | (At 20/40ft position: approx. 150 mm) | | +3 / -3 |

LADEN CONTAINER HANDLING LIFT TRUCKS

FH50



***TOP CLASS
TOPLOADERS***

CVS FERRARI also offers to its public a series of Loaded Container Handling Lift Trucks that have no equal in the marketplace. Featuring functions that have never been seen before, these Toploaders are putting themselves atop of the ranking of the most performant machines of this product class.

Directly derived from the CVS FERRARI "RS-E" Reach Stackers they largely feature the same high quality and advanced technology components and come with the same and unique ENERGY SAVING solutions.



MODELS

FH50.5

FH50.6



TECHNICAL SPECIFICATIONS



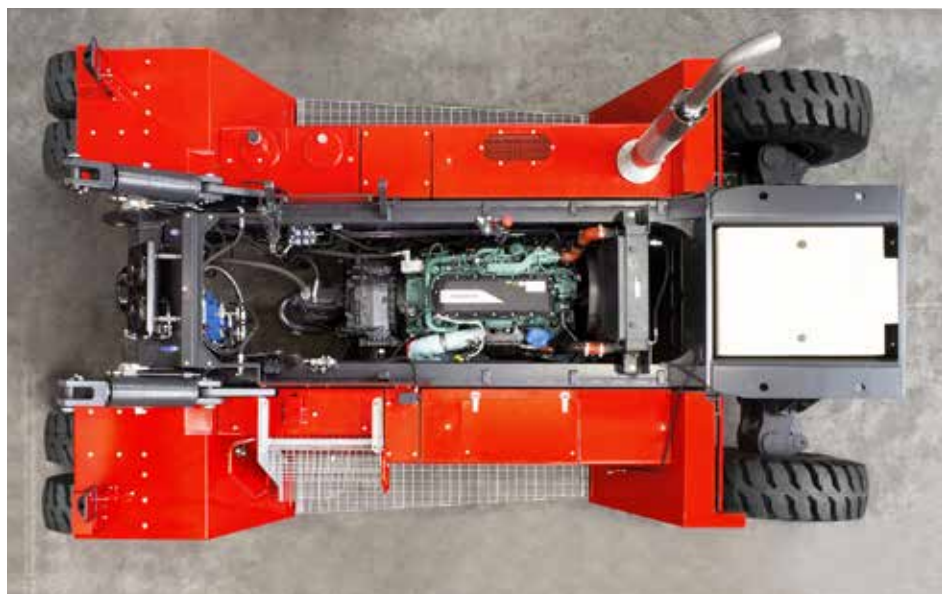
| | | | |
|---|------|-------------------------------------|-----------------------|
| Make | | CVS FERRARI | |
| Truck Type | | Laden Container Handling Lift Truck | |
| Model | | FH50.5 | FH50.6 |
| Attachment type | | 20'/40' Top Pick Spreader | |
| Attachment mounting | | gantry mount | gantry mount |
| Capacity on tires | kg | 40.000 | 40.000 |
| Load centre distance (+/- out/in reach) | mm | 1750 (+/-120) | 1750 (+/-120) |
| Load centre to centre of front axle | mm | 2.700 | 2.700 |
| Lifting height under twist-lock | mm | 15.100 | 17.900 |
| Stacking Ability - containers | | 1 over 4 = 5 x 9'6" | 1 over 5 = 6 x 9'6" |
| Wheelbase | mm | 6.500 | 6.500 |
| Service weight - unladen | Kg | 79.500 | 81.500 |
| EU Stage IIIA Engine make&model (Rated Power) | (kW) | CUMMINS X12 (250) | |
| EU Stage V Engine make&model (Rated Power) | (kW) | CUMMINS X12 (250) | |
| Transmission make&model | | DANA TE30 | |
| Service Brakes | | Wet disc on front wheels | |
| Tires size | | 18.00-33 40PR | 18.00-33 40PR |
| Overall width | mm | 4.930 | 4.930 |
| Overall length (including spreader) | mm | 11.560 | 11.560 |
| Overall height (mast lowered) | mm | 9.350 | 10.800 |
| Seat height | mm | 3.870 | 3.870 |
| Mast Tilt | deg | 3 / 6 | 3 / 6 |
| Spreader side-shift | mm | + 300 / - 300 | + 300 / - 300 |
| Spreader hydraulic (mechanic) pile slope | deg | + 3 / - 3 (+ 3 / - 3) | + 3 / - 3 (+ 3 / - 3) |

HEAVY DUTY FORK LIFT TRUCKS

FH

STAND OVER ANY COMPETING EQUIPMENT

CVS FERRARI's range of medium-heavy produces a complete range of Medium Heavy Duty Fork Lift Trucks with capacities ranging from 20,000 to 33,000 Kg, that because of their feature and performances fear no competition in a value for price contest. Standard Load Moment indicator and Limiter, capacitive multi-function joystick, top notch hydraulics and electrics as well as a unique maintenance friendly design are only some of the distinguishing elements that makes these trucks stand over the rest of the pack.



MODELS

FH20

FH25

FH28

FH32

FH33



TECHNICAL SPECIFICATIONS



| Make | | CVS FERRARI | | | | |
|---|------|----------------------------|--------------|--------------|--------|--------|
| Truck Type | | Heavy Duty Fork Lift Truck | | | | |
| Model | | FH20 | FH25 | FH28 | FH32 | FH33 |
| Attachment type | | Forks | Forks | Forks | Forks | Forks |
| Load capacity | kg | 20.000 | 25.000 | 28.000 | 32.000 | 33.000 |
| Load centre distance (+/-out/in reach) | mm | 1.200 | 1.200 | 1.200 | 1.200 | 1.200 |
| Load centre to centre of front axle | mm | 2.300 | 2.300 | 2.300 | 2.420 | 2.420 |
| Standard lifting height on forks (option) | mm | 4.000 | | | | |
| Max.avaiable lift height on forks (option) | | 7.000 | | | | |
| Wheelbase | mm | 4000 | 4.250 | 4.500 | 4.750 | 4.750 |
| Service weight - unladen | Kg | 34.500 | 36.700 | 42.000 | 43.500 | 44.500 |
| EU Stage IIIA Engine make&model (Rated Power) | (kW) | CUMMINS QSB 6.7 (194) | | | | |
| EU Stage V Engine make&model (Rated Power) | (kW) | CUMMINS B 6.7 (168) | | | | |
| Transmission make&model | | ZF 3WG 191 / 3-3 | | | | |
| Service Brakes | | Multiple wet disc brakes | | | | |
| Tires size | | 14.00-24 | | 16.00-25 | | |
| Overall width | mm | 3.000 | | 3.450 | | |
| Overall length (including forks) | mm | 8.340 | 8.590 | 9.120 | 9.370 | 9.370 |
| Overall height (mast lowered) | mm | 3.850 | | 4.050 | | |
| Seat height | mm | 2.400 | | 2.520 | | |
| Mast Tilt, forward / backward | deg | 5 / 10 | | | | |
| Forks side-shift | mm | +480 / -480 | | | | |
| Forks size (L x W x T) | deg | 2400x200x100 | 2400x200x100 | 2400x300x110 | | |

SUPER HEAVY DUTY FORK LIFT TRUCKS

FH

***CAPACITY,
MANOEUVRABILITY
AND RELIABILITY
LIKE NO OTHER***



The CVS FERRARI range of very high capacity Fork Lift Trucks shares commonality of components with the heavy capacity Reach Stackers range and that makes them a uniquely performant and sophisticated family of machines when compared to their competitive equivalent. Electronically controlled hydraulics, static and dynamic stability control system and the unique CVS FERRARI ENERGY SAVING package are some of the many plus features that render these trucks the benchmark for quality in their capacity range.



MODELS

FH40C

FH38

FH42

FH45

FH52



TECHNICAL SPECIFICATIONS



| Make | | CVS FERRARI | | | | |
|---|----|----------------------------------|--------------|--------|--------|--------------|
| Truck Type | | Super Heavy Duty Fork Lift Truck | | | | |
| Model | | FH40C | FH38 | FH42 | FH45 | FH52 |
| Attachment type | | Forks | Forks | Forks | Forks | Forks |
| Load capacity | kg | 40.000 | 38.000 | 42.000 | 45.000 | 52.000 |
| Load centre distance (+/- out/in reach) | mm | 1.200 | 1.200 | 1.200 | 1.200 | 1.200 |
| Load centre to centre of front axle | mm | 2.360 | 2.620 | 2.620 | 2.620 | 2.730 |
| Standard lifting height on forks (option) | mm | 4.000 | | | | |
| Max.avaiable lift height on forks (option) | mm | 8.000 | | | | |
| Wheelbase | mm | 5.000 | 5.000 | 5.400 | 5.900 | 6.250 |
| Service weight - unladen | Kg | 55.600 | 59.500 | 60.500 | 61.500 | 63.500 |
| EU Stage IIIA Engine make&model (Rated Power) | | CUMMINS X12 (250) | | | | |
| EU Stage V Engine make&model (Rated Power) | | CUMMINS X12 (250) | | | | |
| Transmission make&model | | DANA TE30 / 5-3 | | | | |
| Service Brakes | | Multiple wet disk brakes | | | | |
| Tires size | | 18.00-25 | | | | 18.00-33 |
| Overall width | mm | 3.800 | 3.800 | 4.185 | 4.185 | 4.185 |
| Overall length (including forks) | mm | 9.300* | 9.840 | 10.220 | 10.720 | 11.070 |
| Overall height (mast lowered) | mm | 4.600 | 4.600 | 4.600 | 4.600 | 4.700 |
| Seat height | mm | 3.000 | 3.000 | 2.800 | 2.800 | 3.000 |
| Mast Tilt, forward / backward | | 5 / 10 | | | | |
| Forks side-shift | | n/a | +400 / -400 | | | |
| Forks size (L x W x T) | | 2140 x 370* | 2400x300x135 | | | 2400x300x150 |



FERRARI

PRODUCT RANGE OVERVIEW



www.badin.com

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