

Zetor Forterra HSX

The most powerful and best equipped tractors in the current Zetor portfolio.

Specification	neters				
MODEL	100	110	120	130	140
ENGINE					
Stage III A Type	Zetor 1005	Zetor 1305	Zetor 1405	Zetor 1505	Zetor 1605
Stage III B Type	Zetor 1006	Zetor 1306	Zetor 1406	Zetor 1506	Zetor 1606
Homologated Power 2000 / 25 (ISO) (kW/HP)	70,4 / 96	78,4 / 107	86,2 / 117	93,2 / 127	100,2 / 136
Rated Speed (rpm)	2 200				
No. of Valves	8 16		16		
No. of Cylinders	4				
Aspiration	turbocharged				
Bore / Stroke (mm)	105 / 120				
Displacement (cm³)	4,156				
Max. Toque / Torque Reserve (ECE R24) (Nm /%)	391 / 37 419 / 46	440 / 37 440 / 40	480 / 37 482 / 37	525 / 34 540 / 41	570 / 38 572 / 38
REVERSATION					
Type	multi-plate wet clutches				
Control	electro-hydraulic				
TRANSMISSION					
Type	mechanical with 3° automatic powershift, reverse				
Shifting	fully synchronized				
No. of Gears	30 / 30				
Speed (kph)	40				
PTO					
Type	dependent / independent, multi-plate PTO clutch with 3° choice of start delay				
Rear PTO revolutions (rpm)	540 / 1,000 (540E / 1,000 optional)				
Front PTO revolutions (rpm)	1,000				
HYDRAULICS					
Type	Bosch electronics with Zetor HitchTronic, 2 auxiliary cylinders				
Three-point Hitch	category II				
Control	electronic				
Lift Capacity at the End of the Lower Drawbars (kN)	65 in total range, maximum 70				

Operating Pressure (MPa)	20
Hydraulic Pump Capacity (l/min)	70
Hydraulics Quick Couplings	3 pairs + 1
Hitch System	quick adjustable CBM hitch
OTHER SPECIFICATIONS	
Drive System	4WD
Steering	hydrostatic
Travelling / Parking Brakes	wet, disc, hydraulic / mechanical control
Trailer Brakes	optional (air or hydraulics)
Digital Dashboard	standard

DIMENSIONS

Weight (kg)	4 600	
Length (mm)	4 770	
Width over rear mudguards (mm)	2 270	
Height to Exhaust Mouth (mm)	2 810	
Wheelbase (mm)	2 490	
Front Wheels	13,6R24	14,9R24 disc
Rear Wheels	16,9R38	18,4R38 disc

CABIN OPTIONS

Cabin "BASIC"	seat Mars, passenger seat, fixed steering wheel, rear working lights + 1 viewfinder
Cabin "CLASSIC"	seat Grammer st., passenger seat, adjustable steering wheel, front and rear working lights + 1 viewfinder, airconditioning (optional), heated back mirrors and rear window, audio installation
Cabin "LUX"	seat Grammer pneum., passenger seat, adjustable steering wheel, front and rear working lights + 1 viewfinder, airconditioning, heated back, mirrors and rear window, audio installation, radio