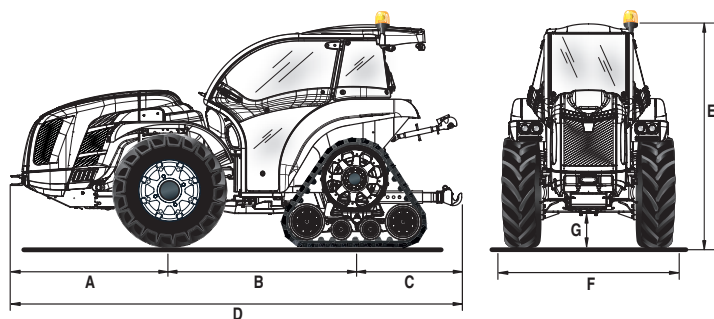


SKY JUMP TECHNICAL FEATURES

TECHNICAL FEATURES	SKY JUMP K105 DUALSTEER®
ENGINE	Kubota V3800-CR-T-EU3
Number of cylinders	4 in-line
Displacement (cm ³)	3,769
Intake	Turbo
Fuel system	Direct injection "Common rail"
Emission level	Stage 3B
Balancing	Counter-balance shafts
Power (kW/HP)	72.1 / 98
Rated speed (rpm)	2,400
Maximum torque (Nm/rpm)	330 / 1,500
Speed management	Electronically regulated with a console with functions: increase and decrease of engine speed, memorize and recall a particular speed or switch off the electronic throttle and go to the minimum idle speed
Cooling	Liquid
Tank capacity (lt)	54
CHASSIS	Swinging integral chassis OS-FRAME with central articulation and steering wheels
DRIVE	Four-wheel drive. Front-wheel drive disengagement with electro-hydraulic control
TRANSMISSION	32 speeds synchronized gearbox: 16 FWD and 16 REV with synchronized reverser
POWER SHUTTLE EASYDRIVE® (optional)	Electro-hydraulic power shuttle electronically actuated with the lever (with 3 position FWD-N-REV) installed on the left of steering wheel. Possibility to choose from 5 levels of reactivity
Transmission clutch	Multidisc in oil bath electronically-managed and proportional hydraulic control with PRO-ACT System
DIFFERENTIAL	Front and rear. Differential lock: front and rear simultaneously or only rear with electro-hydraulic control
AXLES	Front with epicyclic reduction units and rear with bull-gear units. Front axle, oscillating in the middle (approx. ±15°)
REAR PTO	Independent from the gearbox and synchronized with forwarding speed. Engageable under load with brake in disengaged position
PTO clutch	Multidisc in oil bath with electro-hydraulic control
PTO rotation speed (rpm)	Standard: 540/540E - Optional: 540/1,000
HYDRAULIC SYSTEM	Double circuit with independent pumps and heat exchanger
Flow rate to the steering unit and the electro-hydraulic controls (lt/min)	33,1
Flow rate to the lift and the control valves (lt/min)	27,7 (optional oversized pump with flow rate 49 lt/min)
Maximum hydraulic pressure (bar)	180
REAR CONTROL VALVES	Mechanical control
Standard	2 double acting
Optional and in addition to the standard ones	1 single acting and 1 double acting or 1 double acting and 1 double acting with float
Joystick (optional)	With proportional electronic control of lifts and control valves consisting of: 1 single acting with adjustable flow and free return, 3 double acting (replacing the standard ones) and oversized pump 49 lt/min. Potentiometer to change the sensibility of the joystick
ELECTRIC SYSTEM	Battery 100 Ah / 12 V - Alternator 95 A
Rear power outlets	7 pin and 3 pin
REAR LIFT	Standard: by two external rams - Optional: position and draft control
Three-point hitches	Standard: standard couplers cat. 1 and 2. Optional: quick couplings cat. 1 and 2, arms with non-adjustable length or quick couplings, L-shaped, cat. 1 and 2, arms with adjustable length and hooks with adjustable width.
Three-point tie bar	Standard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm
Ball joint lifting capacity (kg)	2,700
FRONT LIFT (optional)	With front protection and 2 double acting control valves with free return
Three-point hitches	Rigid with quick couplings cat. 1
Lifting capacity (kg)	800
DRIVING PLATFORM	Monodirectional with platform suspended on silent block. Suspended pedals mounted on control column
Steering wheel	With adjustable inclination
Seat with safety belt	Comfortable sprung seat, adjustable according to the driver's weight
SERVICE BRAKES	Oil bath discs with hydrostatic control, acting on the four wheels
Parking brake	Automatic and independent Brake-off
STEERING	Double steering system Dualsteer® with 4-cylinders. Hydrostatic steering acting on front wheels and central articulation
COMPACT CABIN	AIRTECH version, pressurised and homologated cat. 4. Sound-proof with monocoque body fitted on silent-block, instrument panel and air ducts (car type). Air conditioning system. Beacon lamp and adjustable rear working lights
INSTRUMENT PANEL	With multi-function colour and digital display complete with: hour counter, battery voltage, fuel consumption, DPF level, simultaneous reading of engine speed, forwarding speed and PTO speed. Warning lights and acoustic alarm
FRONT TYRES	280/70R20
REAR RUBBER TRACKS	Width 305 mm, length 1,223 mm
TOW HOOKS (standard)	Rear CUNA and front
Optional	Rear tow hook: EC approved or EC approved (Slider type) or CUNA (Slider type)
WEIGHT in order of speed	
With Compact cabin (kg)	3,000
FURTHER OPTIONAL	Front bumper, Front plate for implements connection, Active carbon filter for pressurised cabin, Front weight and weights for wheels



Sky Jump DUALSTEER® with cabin

	A	B	C	D	E	F	G
mm	1348	1607	918	3873	1853	1350	254