Technical details	AUTONXT TRACTOR X45H2	AUTONXT TRACTOR X45C2	AUTONXT TRACTOR X55C2	AUTONXT TRACTOR X55S2	AUTONXT TRACTOR X55S4	AUTONXT TRACTOR X27V4	AUTONXT TRACTOR X42C2 / X42V2
CMVR Certification status	OBSOLETE	In Production	Certified	To be sent for certification	To be sent for certification	To be developed	To be developed
Tractor Name & Model	**X45H2**	**X45C2**	**X55C2**	**X55S2**	**X55S4**	**X27V4**	**X42C2 / X42V2**
Wheel Drive	2 WD	2 WD	2 WD	2 WD	4 WD	2 WD	2 WD
Electric Motor							
Drive motor power	PMSM	PMSM	PMSM	PMSM	PMSM	PMSM	PMSM
Motor Power (kW)	32 kW	32 kW	42 kW	42 kW	42 kW	18 kW	22 kW
Peak Power [kW/hp]	39 kW	39 kW	~50 kW	~50 kW	~50 kW	~25 kW	~32 kW
Motor Max Torque (Nm)	276 Nm	276 Nm	300 Nm	300 Nm	300 Nm	150 Nm	180 Nm
Cooling Type	Water Cooled (Coolant)	Water Cooled (Coolant)	Water Cooled (Coolant)	Water Cooled (Coolant)	Water Cooled (Coolant)	Water Cooled (Coolant)	Water Cooled (Coolant)
BATTERY							
Battery voltage, nominal capacity	384V, 100Ah	384V, 100Ah	614V, 104Ah (approx.)	614V, 104Ah (approx.)	614V, 104Ah (approx.)	320V, 100Ah (approx.)	320V, 100Ah (approx.)
Battery type :	LFP (LiFePO4)	LFP (LiFePO4)	LFP (Liquid Cooled)	LFP (Liquid Cooled)	LFP (Liquid Cooled)	LFP (LiFePO4)	LFP (LiFePO4)
Battery weight	450 kg	450 kg	650 kg	650 kg	650 kg	250 Kgs	250 Kgs
Battery Type	Modular	Modular	Modular	Modular	Modular	Modular	Modular
On board Charger* Detail	6.6kW AC	6.6kW AC	6.6kW AC / 11kW AC *	6.6kW AC / 11kW AC *	6.6kW AC / 11kW AC *	6.6kW AC / 11kW AC *	6.6kW AC / 11kW AC *
Charging time (Fast charge / Slow Charge)	2 hrs / 6 hrs	2 hrs / 6 hrs	1 Hr / 6 hrs	1 Hr / 6 hrs	1 Hr / 6 hrs	1 hr / 6 hrs	1 hr / 6 hrs
Battery Cooling	Air Cooled	Air Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
IP Rating	RATING-IP-67 / CERTIFIED AIS-156	RATING-IP-67 / CERTIFIED AIS-156	RATING-IP-67 / CERTIFIED AIS-156	RATING-IP-67 / CERTIFIED AIS-156	RATING-IP-67 / CERTIFIED AIS-156	RATING-IP-67 / CERTIFIED AIS-156	RATING-IP-67 / CERTIFIED AIS-156
Battery Management System	Smart CAN-enabled Automotive grade BMS with Data logging.	Smart CAN-enabled Automotive grade BMS with Data logging.	Smart CAN-enabled Automotive grade BMS with Data logging.	Smart CAN-enabled Automotive grade BMS with Data logging.	Smart CAN-enabled Automotive grade BMS with Data logging.	Smart CAN-enabled Automotive grade BMS with Data logging.	Smart CAN-enabled Automotive grade BMS with Data logging.
Single charge continous	90 km Range	90 km Range	120 km Range	120 km Range	120 km Range	90 km Range	90 km Range
Charger Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year
Fast Charging - CCS-II	No	No	Yes	Yes	Yes	Yes	Yes
	* OBC charger is optional for X55C2 and X30C2, at additional cost	* OBC charger is optional for X55C2 and X30C2, at additional cost					
PTO							
Max PTO Power	24.4 kW	24.4 kW	**33 kW**	**33 kW**	**33 kW**	15 kW	18kW
PTO Power [kW/hp]	32.8 HP	32.8 HP	44 HP	44 HP	44 HP	20 HP	25 HP
PTO Speed [r/min]	540 / 540E RPM	540 / 540E RPM	540 / 540E RPM	540 / 540E RPM	540 / 540E RPM	540E RPM	540E RPM
PTO Position	Side Lever	Side Lever	Side Lever	Side Lever	Side Lever	Side Lever	Side Lever
Transmission							
Transmission	8 Forward, 8 Reverse	8 Forward, 8 Reverse	8 Forward, 8 Reverse	8 Forward, 8 Reverse	8 Forward, 8 Reverse		
Transmission	CONTANT MESH (CARRARO)	CONTANT MESH (CARRARO)	CONTANT MESH (CARRARO)	CONTANT MESH (Standard)	CONTANT MESH (Standard)		
Diff Lock	Yes	Yes	Yes	Yes	Yes		
Clutch	DOUBLE CLUTCH	DOUBLE CLUTCH	DOUBLE CLUTCH	DUAL CLUTCH	DUAL CLUTCH		
Brake	Oil immersed drum Braking sysytem	Oil immersed drum Braking sysytem	Oil immersed drum Braking sysytem	Oil immersed drum Braking sysytem	Oil immersed drum Braking sysytem		
Headlamps	LED Headlamp	LED Headlamp	LED Headlamp	LED Headlamp	LED Headlamp		
Tractor length: L×H×W	10 × 9 × 5.9 ft	10 × 9 × 5.9 ft	~11 × 9 × 6 ft	~11 × 9 × 6 ft	~11 × 9 × 6 ft		
GVW (Gross Vehicle Weight)	2120 kgs	2120 kgs	2600kg	2600kg	2600kg	1500kg	1500kg
Speed	5- 35 Kmph	5- 35 Kmph	5- 35 Kmph	3- 30 Kmph	3- 30 Kmph		
Load Pulling / Haulage Capacity	10ton rated load capacity(ARAI norns) it is capable of pulling 15-18ton load	10ton rated load capacity(ARAI norns) it is capable of pulling 15-18ton load	18ton rated load capacity(ARAI norns) it is capable of pulling 20-22ton load	18ton rated load capacity(ARAI norns) it is capable of pulling 20-22ton load	18ton rated load capacity(ARAI norns) it is capable of pulling 20-22ton load	6 ton rated load capacity(ARAI norns) it is capable of pulling 10-12 ton load	8 ton rated load capacity it is capable of pulling 10-12 ton load
AC Cabin (Yes/No)	front glass sheild Air Ventilation Cabin	front glass sheild Air Ventilation Cabin	front glass sheild Air Ventilation Cabin	front glass sheild Air Ventilation Cabin	front glass sheild Air Ventilation Cabin	front glass sheild Air Ventilation Cabin	front glass sheild Air Ventilation Cabin
Overall Warranty	5 years 1500 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty	5 years 1500 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty	5 years 3000 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty	5 years 3000 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty	5 years 3000 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty	5 years 3000 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty	5 years 3000 charging cycle battery warranty / 3 yrs motors warranty/ 1 yrs transmission warranty / 1year Vehicle warranty
Hydraulic System							
Hydraulic Distribution Valve Bloc	Multi-spool Valve	Multi-spool Valve	Multi-spool Valve	Multi-spool Valve	Multi-spool Valve	Standard Valve	Standard Valve
Hydraulic Lift Capacity	1800 kg	1800 kg	2800 kg	2800 kg	2800 kg	2400 kg	2400 kg
Hydraulic Pressure	26.6 L/min	26.6 L/min	26.6 L/min	26.6 L/min	26.6 L/min	170-190 bar	170-190 bar
Hydraulic Pump	26.6 L	26.6 L	28.5 L	28.5 L	28.5 L	18 L	18 L
Hydraulic Pump Flow Rate	1800 kg	1800 kg	1800 kg	1800 kg	1800 kg	18-25 LPM	18-25 LPM
Wheels	**Wheels**	**Wheels**					
Tyre size, front	7.5 × 16 (18 PR)	7.5 × 16 (18 PR)	7.5 × 16 (8 PR)	7.5 × 16 (8 PR)	7.5 × 16 (8 PR)	6.00 × 16 (8 PR)	6.00 × 16 (8 PR)
Tyre size, rear	14.9 × 28 (12 PR)	14.9 × 28 (12 PR)	14.9 × 28 (12 PR)	14.9 × 28 (12 PR)	14.9 × 28 (12 PR)	13.6 × 28 (12 PR)	13.6 × 28 (12 PR)
Track width, front	1350 mm	1350 mm	1400 mm	1400 mm	1400 mm	1200 mm	1200 mm

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Track width, rear	1500 mm	1500 mm	1500 mm	1500 mm	1500 mm	1300 mm	1300 mm
Wheel Base	2100 mm	2100 mm	2155 mm	2155 mm	2155 mm	2040 mm	2040 mm
Turning radius	6.58 m	6.58 m	6.28 – 6.58 m	6.28 – 6.58 m	6.28 – 6.58 m	4.9-5.3 m	4.9-5.3 m
CONTROL SYSTEM	**CONTROL SYSTEM**	**CONTROL SYSTEM**					
IOT System Name	Autonxt Logger	Autonxt Logger	Autonxt Logger	Autonxt Logger	Autonxt Logger	Autonxt Logger	Autonxt Logger
Instrument Cluster Display & Size	7inch segment display	7inch segment display	7inch segment display	7inch segment display	7inch segment display	7inch segment display	7inch segment display
WIFI	WiFi: Optional	WiFi: Optional	WiFi: Optional	WiFi: Optional	WiFi: Optional	WiFi: Optional	WiFi: Optional
MOBILE BASED	Yes 4g/3g/2g	Yes 4g/3g/2g	Yes 4g/3g/2g	Yes 4g/3g/2g	Yes 4g/3g/2g	Yes 4g/3g/2g	Yes 4g/3g/2g
ACCESS	Key + Digital Monitoring	Key + Digital Monitoring	Key + Digital Monitoring	Key + Digital Monitoring	Key + Digital Monitoring	Key + Digital Monitoring	Key + Digital Monitoring
MESSAGE ALERT	vehicle emergency light/SMS / App-based Alerts	vehicle emergency light/SMS / App-based Alerts	vehicle emergency light/SMS / App-based Alerts	vehicle emergency light/SMS / App-based Alerts	vehicle emergency light/SMS / App-based Alerts	vehicle emergency light/SMS / App-based Alerts	vehicle emergency light/SMS / App-based Alerts
ERROR CODES	battery and controller	battery and controller	battery and controller	battery and controller	battery and controller	battery and controller	battery and controller
ELECTRICAL SWITCH	Standard Automotive Grade	Standard Automotive Grade	Standard Automotive Grade	Standard Automotive Grade	Standard Automotive Grade	Standard Automotive Grade	Standard Automotive Grade
WIRING CONNECTOR	Waterproof	Waterproof	Waterproof	Waterproof	Waterproof	Waterproof	Waterproof
GPS ENABLED	yes	yes	yes	yes	yes	yes	yes
ALARM SYSTEM	Yes (Battery & Fault Alerts)	Yes (Battery & Fault Alerts)	Yes (Battery & Fault Alerts)	Yes (Battery & Fault Alerts)	Yes (Battery & Fault Alerts)	Yes (Battery & Fault Alerts)	Yes (Battery & Fault Alerts)
BMS - IF ZERO 0 %	Auto shutdown at 5%	Auto shutdown at 5%	Auto shutdown at 5%	Auto shutdown at 5%	Auto shutdown at 5%	Auto shutdown at 5%	Auto shutdown at 5%
MCU - MOTOR CONTROL UNIT	VFD- Variable Frequency Drive	VFD- Variable Frequency Drive	VFD- Variable Frequency Drive	VFD- Variable Frequency Drive	VFD- Variable Frequency Drive	VFD- Variable Frequency Drive	VFD- Variable Frequency Drive