



# E/E+ CRD5 SERIES

604e/e+ CRD5 · 654e/e+ CRD5 · 704e/e+ CRD5  
754e/e+ CRD5 · 804e/e+ CRD5 · 854e/e+ CRD5  
904e/e+ CRD5 · 1054e/e+ CRD5



**ArmaTrac**

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## About Us

Erkunt Tractor Ind. Inc. was founded on the 12th of September 2003 with a local capital and produces the first local design tractor of Turkey. The design of all tractors is performed by Turkish engineers.

6 years after its foundation, Erkunt was ranked 3rd among 31 brands, and today continues its production that took start with 2 models with more than 160 models and performs special designs for the exporting countries.

The factory has a production capacity of 18.000 pieces per year, and not only the tractor production is realized there, but also the front axle, hydraulic lifter and cabin productions are realized and they are exported.

Erkunt Tractor reserves averagely 3% of its annual turnover to R&D and works to have the tractors produced to be efficient, equipped with high technological specifications and be resistant against heavy conditions. Erkunt Tractor is recognized as the R&D Center by the Ministry of Industry in 2015.

Erkunt Tractor started exporting in 2007 with ArmaTrac brand, and exports 42% of its production to 27s countries. Erkunt achieved a first in the sector in 2018 and became the first Turkish tractor brand that granted license for the overseas production outside Turkey. The licenser GIAD is founded in Sudan and it is one of the greatest production facilities of Africa. Herewith, the door of 19 COMESA States is opened to Erkunt tractor.

Erkunt always listens to the farmer and keeps the satisfaction of the farmer in the front plan, and it is the only tractor brand that has ISO 10001 Customer Satisfaction and Complaint Management Certificate in the sector.

Erkunt Tractor Industries Inc., which started to grow 16 years ago, signed an important agreement in September 2017 and merged its strengths with Mahindra & Mahindra (M&M), one of the leading industrial and technology giants of the world. With this great merge, Erkunt transformed into a multinational company and took its place among the other youngest and most powerful companies in the world.



## Erkunt Tractor Industries, Inc.

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**ECAPRA ENGINE**

ERKUNT'S DOMESTIC PRODUCTION ENGINE BRAND





	604e	654E/E+	704E/E+	754E/E+	804E/E+	854E/E+	904E/E+	1054E/E+
<b>ENGINE</b>								
Normal Mode - Boost Mode [Max. HP / kW]	57 - 63 HP / 41.9 - 46.3 kW	63 - 67 HP / 46.3 - 49.3 kW	67 - 73.6 HP / 49.3 - 54.1 kW	70 - 75 HP / 52.2 - 55.8 kW	80 - 90 HP / 59.7 - 67 kW	85 - 95 HP / 63.4 - 70.8 kW	90 - 100 HP / 67 - 74.5 kW	100 - 110 HP / 75 - 82 kW
Engine Type	HCE STAGE-V [ECAPRA]	HCE STAGE-V [ECAPRA]	HCE STAGE-V [ECAPRA]	NEF STAGE-V [ECAPRA]	NEF STAGE-V [ECAPRA]	NEF STAGE-V [ECAPRA]	NEF STAGE-V [ECAPRA]	NEF STAGE-V [ECAPRA]
Engine Speed to Achieve Maximum Torque	1400 rpm	1400	1400	1400 rpm	1400 rpm	1400 rpm	1400 rpm	1400 rpm
Rated Speed in RPM	2200 rpm	2200	2200	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm
Normal Mode - Boost Mode Max. Torque [Nm]	251 - 280 Nm	280 - 295	295 - 308	324 - 346 Nm	347 - 395 Nm	362 - 407 Nm	378 - 419 Nm	410 - 445 Nm
Emission Level	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Cylinder Nb. / Aspiration	3 / Turbo Intercooler	3 / Turbo Intercooler	3 / Turbo Intercooler	4 / Turbo Intercooler	4 / Turbo Intercooler	4 / Turbo Intercooler	4 / Turbo Intercooler	4 / Turbo Intercooler
Cylinder Volume [LT]	2.98 LT	2.98	2.98	3.5 liter	3.5 liter	3.5 liter	3.5 liter	3.5 liter
Fuel Tank [Liter]	70 Liter	110	110	110 liter	110 litre	110 litre	110 litre	110 litre
Fuel Injection System	CommonRail Injection	CommonRail Injection	CommonRail Injection	CommonRail Injection	CommonRail Injection	CommonRail Injection	CommonRail Injection	CommonRail Injection
AdBlue Tank Capacity	-	-	-	-	20 Liter	20 Liter	20 Liter	20 Liter
<b>TRANSMISSION</b>								
Transmission Type	Carraro Mechanical	Carraro Full Synchro	Carraro Full Synchro	Carraro Full Synchro	Carraro Full Synchro	Carraro Full Synchro	Carraro Full Synchro	Carraro Full Synchro
Gear Box 4WD	12F-12R	12F-12R	12F-12R	12F-12R	12F-12R	12F-12R	12F-12R	12F-12R
Gear box 4WD Optional	-	24F-24R	24F-24R	24F-24R	24F-24R	24F-24R	24F-24R	24F-24R
Auto front differential lock [4WD models]	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic
Rear Differential Lock 2WD - 4WD	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic
4wd Remote System	Mechanic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Creeper Option	-	Optional for 24F-24R	Optional for 24F-24R	Optional for 24F-24R	Optional for 24F-24R	Optional for 24F-24R	Optional for 24F-24R	Optional for 24F-24R
Min - Max Speed [km/h]	0,50-29,89 km/hr	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]	1,50-32,78 km/hr [12F-12R] 0,43-32,78 km/h [24F-24R]
<b>ELECTRIC SYSTEM</b>								
Battery Capacity	105 amp	105 amp	105 amp	105 amp	105 amp	105 amp	105 amp	105 amp
<b>HYDRAULIC SYSTEM</b>								
Hydraulic Control Type	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic	Mechanic
Automatic Lifting System	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Hydraulic Power Output	2 units	4 units	4 units	4 units	4 units	4 units	4 units	6 units
Hydraulic Pressure [Bar]	190 Bar	190 Bar	190 Bar	190 Bar	190 Bar	190 Bar	190 Bar	190 Bar
Max. Hydraulic Lift Capacity [E/E+]	2200 Kg	2600 Kg / 3000 Kg [e+]	2600 Kg / 3000 Kg [e+]	2600 Kg / 3000 Kg [e+]	2600 kg / 3000 kg [e+]	2600 Kg / 3000 Kg	2600 Kg / 3000 Kg	3400 kg / 3400 kg
Top Link [ For E+ only ]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]
<b>PTO</b>								
Type	Independent 2V	Independent 2V	Independent 2V	Independent 2V	Independent 2V	Independent 2V	Independent 2V	Independent 2V
PTO Speed Synchronized with Wheel Speed	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
PTO Speed	540, 540E rpm	540, 540E rpm	540, 540E rpm	540, 540E rpm	540, 540E rpm	540, 540E rpm	540, 540E rpm	540, 540E rpm
<b>MEASURES</b>								
Wheelbase 4WD	2050 - 2150 mm	2210 mm	2210 mm	2327 mm	2327 mm	2327 mm	2327 mm	2327 mm
Total Length 4WD	3900 mm	3960 mm	3960 mm	4112 mm	4112 mm	4112 mm	4112 mm	4112 mm
Width	1860 mm	1935 mm	1935 mm	1990 mm	1990 mm	1990 mm	1990 mm	1990 mm
Max. Height in Platform 4WD	2665 mm	2630 mm	2630 mm	2720 mm	2720 mm	2720 mm	2720 mm	2720 mm
Max. Height in Cabin 4WD	2665 mm	2720 mm	2720 mm	2720 mm	2720 mm	2720 mm	2720 mm	2720 mm
Front track width	1550 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm
Rear track width	1500 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm	1500-1900 mm
<b>WEIGHTS</b>								
Total Tractor Weight [4WD, W/O Additional Weights, Canopy]	2765 Kg	3640 Kg	3640 Kg	-	-	-	-	-
Total Tractor Weight [4WD, W/O Additional Weights, Cabin]	3065 Kg	3730 Kg	3730 Kg	3520 Kg	3650 kg	3520 Kg	3520 Kg	3520 Kg
Total Front Weights 2WD - 4WD	6 x 20 / 8 x 20 Kg	8 x 30 - 10 x 30	8 x 30 - 10 x 30	10 x 30 [for 4WD]	10 x 30	10 x 30 [for 4WD]	10 x 30 [for 4WD]	10 x 30 [for 4WD]
Total Rear Weights 4WD	2 x 50 Kg	6 x 50	6 x 50	6 x 50	6 x 50	6 x 50	6 x 50	6 x 50
<b>STANDARD TYRE MEASURES</b>								
1st Option - Front 4WD	7,50-16	320/70/R20	280/85/R24	11,2-24	11,2-24	11,2-24	11,2-24	13,6-24
1st Option - Rear 4WD	12,4-11-36	380/85/R28	420/85/R30	16,9-30	16,9-30	16,9-30	16,9-30	16,9-34
2nd Option - Front 4WD	280/85/R24	280/85/R24	280/85/R24	11,2-24	11,2-24	11,2-24	11,2-24	11,2-28
2nd Option - Rear 4WD	14,90-30	340/85/R36	340/85/R36	13,6-36	13,6-36	13,6-36	13,6-36	13,6-38
3rd Option - Front 4WD	280/70/R20	9,50-24	11,2-24	280/85/R24	320/85/R24	320/85/R24	320/85/R24	320/85/R24
3rd Option - Rear 4WD	13,60-28	14,9-30	16,9-30	420/85/R30	460/85/R30	460/85/R30	460/85/R30	460/85/R30
4th Option - Rear 4WD	9,50-R24	9,5-24	11,2-24	320/85/R28	320/85/R28	320/85/R24	320/85/R24	320/85/R28
4th Option - Rear 4WD	12,4-11-36	12,4-36	13,6-36	380/85/R38	380/85/R38	380/85/R38	380/85/R38	380/85/R38
<b>OPTIONAL</b>								
Cabin	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
4WD System	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Air Conditioning	-	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Air Compressor System for E+	-	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]	Standard [e+]