



CATALOGUE 2012



BOSCH





Farmtrac Tractors Europe is an established European manufacturer of agricultural tractors. Our philosophy is based on building reliable tractors that are characterized by simple, elegant design, low maintenance costs and carry only the necessary amount of electronics.

Farmtrac Tractors Europe is part of Escorts Ltd – world's premiere tractor manufacturer. In 2000 Farmtrac began production in Poland and is now the largest domestic manufacturer of agricultural tractors. Farmtrac tractors are sold to 15 European countries.

The construction process incorporates world-class components – including original Perkins engine, Carraro / ZF transmission, Bosch, MITA and other components. This ensures durability and reliability even in difficult terrain and weather conditions.

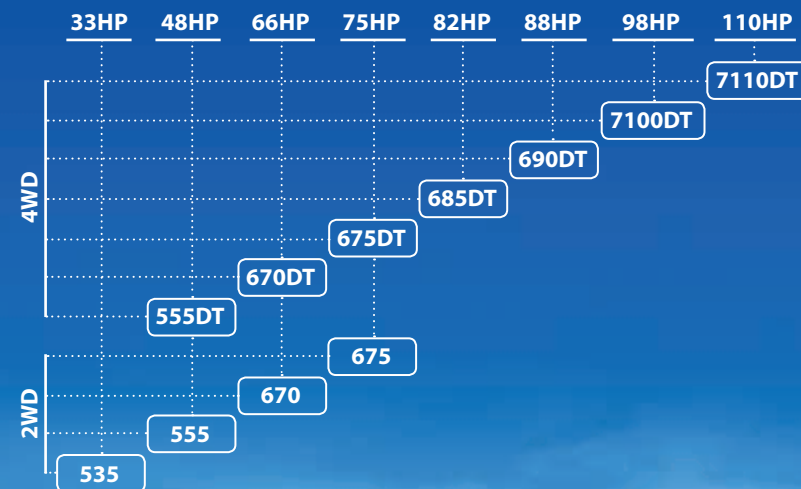
These qualities have been recognized by the independent organizations and experts.

Farmtrac tractors are versatile, ideal for medium and small farms as main tractors. In large farms they can also be used as auxiliary.

Naturally, all our tractors meet European emission standards.

The Farmtrac product range

includes tractor models powered by engines from 33 to 110 hp. With or without cabin (ROPS), roll-over protection structure – available in 2WD and 4WD.



Farmtrac
operates numerous
dealerships across Europe
– providing tractor service
and sales.

Highest quality components

Functionality and reliability of Farmtrac tractors is a result of both: careful assembly and the usage of world-class components.

Genuine 4 cylinder PERKINS engine
Power range from 75 HP to 110 HP
**HIGHLY RELIABLE AND FUEL-EFFICIENT
ENGINES**

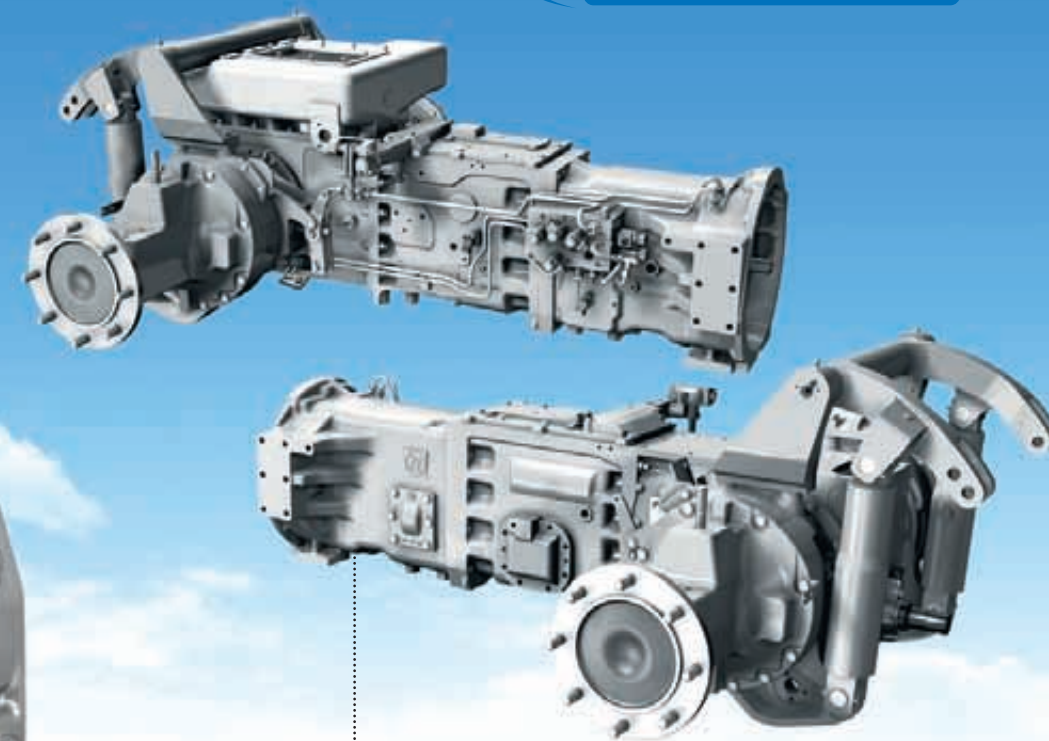
 Perkins  BOSCH



 CARRARO



FARMTRAC
TRACTORS EUROPE



Carraro or **ZF** transmission.
Synchronized with the reverser,
speed up to 40km/h

All engines installed in Farmtrac tractors
meet the current European emission standards.

FARMTRAC FT 535

The 535 model is the smallest of the Farmtrac tractor range. It is specially designed with small and medium-sized farms in mind.

This is a universal, well-performing tractor – ideal for tackling tasks such as mowing, fertilization, sowing, farm maintenance, harvesting and transport.

The spacious, comfortable cabin provides good visibility and excellent soundproofing. It features a powerful, dual-circuit ventilation system. An additional seat has also been placed for your convenience.

FARMTRAC
TRACTORS EUROPE



33 HP



FARMTRAC

FT 555 / FT 555 DT

The 555 and DT 555 models are lightweight Farmtrac tractors designed primarily for small and medium-sized farms. The tractors are available with 2WD or 4WD. Modern engines meet the Euro IIIA emission standard.

The spacious, comfortable cabin provides good visibility and excellent soundproofing and features a powerful, dual-circuit ventilation system.

Depending on the requirements, the tractor can be equipped with for 2 or 4 wheel drive with CARRARO premium brand front axle featuring planetary final drives and automatic differential lock mechanism (in 555 DT).



48 HP



FARMTRAC

FT 670 / FT 670 DT

These highly manoeuvrable tractors, characterized by an exceptionally small turning radius are useful not only for agricultural work, but are versatile enough to handle multiple other tasks.

Two PTO speeds: 540/1000

The 12 +12R synchronized transmission with a reverser and reduction unit, drive train designed by an Italian company CARRARO.

Efficient cab ventilation, soundproofing, spaciousness and great visibility guarantee comfortable working conditions.



66 HP

12/12R Carraro transmission

PTO shaft
540 / 1000

FARMTRAC

FT 675 / FT 675 DT

The most popular tractor in its class in Poland and winner of the 2011 "Machine of the Year" title. Its reputation among farmers is built on the versatility, design, durability and low operating costs.

PTO 540/1000 – two PTO speeds.

Powered by a 4 cylinder Perkins engine, this tractor is characterized by low fuel consumption and easy operation. CARRARO drive train with synchronized 12/12R transmission and reverser.

Modern cab with optional air conditioning. Efficient cab ventilation, soundproofing, spaciousness and great visibility guarantee comfortable working conditions.



75 HP

12/12R Carraro transmission

The original Perkins engine

PTO shaft
540 / 1000

The best-selling tractor *

*The best-selling tractor in the 50HP – 75HP range in Poland. According to 2011 registration data

FARMTRAC

FT 685 DT / FT 690 DT

Versatile and easy to operate the 685 DT and 690 DT are ideal for farms with varying production profiles.

Additional advantages include: CARRARO premium brand drive train with 24/24R transmission – 40km/h with reverser, efficient hydraulic system, low operating costs and a powerful hydraulic system.

The tractor core structure is based on a proven and reliable fuel-saving 82 horsepower (685 DT) or 88 horsepower (690 DT) PERKINS engine and Italian CARRARO premium brand drive train.

Ergonomically designed, air-conditioned* cabin with powerful dual-circuit ventilation system ensures high operator comfort. Cab is equipped with an additional seat. The tractor's cab is spacious and provides very good visibility in all directions.

Cab design incorporates bright colours that are pleasing to the eye. The materials used for interior trim are also very practical – now keeping the cabin clean requires a minimal effort.

** fitted on customer's request*



Well thought-out solutions, good access to the engine and other components make the daily operation of tractor a pleasure.



82-88 HP

Carraro transmission

The original Perkins engine

PTO shaft
540 / 540E

Manual 24/24 transmission with reverser.
Allows driving speeds up to 40 km/h

Three pairs of spool valves allow you to connect a wide range of hydraulically operated equipment.

FARMTRAC FT 7100 DT / FT 7110 DT

Our largest models – designed for hard work, endurance and – as always – high economy.

Their users appreciate the standard Powershift solution allowing the most balanced and effective use of power and torque.

More power requires uncompromising design solutions. This is why the tractor features the reliable PERKINS engine combined with the reputable German ZF premium band drive train – the 16/16R synchronized constant-mesh transmission allows driving at speeds up to 40 km/h.

PTO can operate at as many as four standard speeds: 540 rpm with engine at 2045 rpm, 1000 rpm with engine at 2300 rpm, and two economical speeds 430 rpm with engine at 2132 rpm and 750 rpm with engine at 2092 rpm.

** fitted on customer's request*

Spacious, air-conditioned* cabs with excellent visibility ensure supreme comfort cabins.

FARMTRAC
TRACTORS EUROPE



98-110 HP

**ZF T557 LS
transmission**

**The original
Perkins engine**

**PTO shaft
430 / 540 / 750 / 1000**

 **Perkins**  **BOSCH**

 **CARRARO** 

Specialized versions

Excellent manoeuvrability and efficient hydraulic system makes these tractors ideally suited for maintenance, municipal and a wide-range of other work.

The hydraulic system is equipped with 3-section hydraulic spool valve with 6 quick couplers, pump delivering 50 l/min.

The tractor may be equipped with front PTO and three-point linkage, which allows you to work with a wide range of equipment.

Other advantages of this tractor include high manoeuvrability and the mechanical reverser as standard.



Tractor designed for forestry work.
Features a front log loader, rear log loader with winch, cab with roll over protection structure, chassis and fuel tank shields.



TRACTOR	535	555/555DT	670/670DT	675/675DT
PERFORMANCE				
Engine rated power	24,6 KW [33HP] @ 2200 RPM	35 KW [47,6HP] @ 2000 RPM	48,5 KW [66HP] @ 2200 RPM	55KW [75HP] @ 2200 RPM
Maximum torque	136 Nm @ 1200 RPM	200 Nm @ 1200 RPM	265Nm @ 1400 RPM	294Nm @ 1400 RPM
ENGINE				
Type	E3.215F	AF3.315B	AE4.286C	PERKINS 1104D-44T
No of cyl./capacity [cm³]	3/2146	3/3146	4/2862 TURBO	4/4400 TURBO
Cooling system	liquid	liquid	liquid	liquid
Air cleaner	two-stage dry type	two-stage dry type	two-stage dry type	two-stage dry type
TRANSMISSION		CARRARO		CARRARO
Clutch/pto	two disc type dual	two disc type with independent PTO clutch control	two disc type with independent PTO clutch control	two disc type with independent PTO clutch control
Gearbox type	constant mesh, mechanical	constant mesh, mechanical	constant mesh, synchronized with shuttle and reduction unit	constant mesh, synchronized with shuttle and reduction unit
Number of gears F/R	8/2R	8/2R	12/12R	12/12R
Differential lock	mechanical	mechanical	mechanical	mechanical
POWER TAKE OFF				
Type	live PTO	independent PTO	independent and ground speed PTO	independent and ground speed PTO
PTO shaft speed/engine rpm	540/1810	540/1810	540/1938, 1000/1962	540/1938, 1000/1962
Shaft dia./no.of splines	35mm/6	35mm/6	35mm/6	35mm/6
HYDRAULIC LIFT				
Functions	draft and position control	draft and position control	draft and position control	draft and position control
Pump oil flow, liter/min	34	34	34	34
Nominal presure mpa	17	17	18	18
3-point hitch	2 kat. ISO	2 kat. ISO	2 kat. ISO 730-1	2 kat. ISO 730-1
Max. lift capacity, [kg]	1050	555 (1400) / 555DT (1000)	2400	2400
No. of spool valves	4	4	4	4
STEERING				
Type	hydrostatic	hydrostatic	hydrostatic	hydrostatic
BRAKES				
Service brake	dry disc type, mechanically actuation	oil immersed disc type, mechanically actuation	oil immersed disc type, mechanically actuation	oil immersed disc type, mechanically actuation
Parking brake	hand lever actuation	hand lever actuation	hand lever actuation	hand lever actuation
FRONT AXLE				
Type	Farmtrac adjustable front axle	555 Farmtrac adjustable front axle, 555DT CARRARO	670 Farmtrac adjustable front axle, 670DT CARRARO swivel pin mounted with final drive, automatic differential lock	675 Farmtrac adjustable front axle, 675DT CARRARO swivel pin mounted with final drive, automatic differential lock
TYRES				
Front	6 - 16	555 (6 - 16) / 555DT (9,5 R20)	670 (7,50 - 16) / 670DT (11,2 - 24)	675 (7,50 - 16) / 675DT (11,2 - 24)
Rear	12,4 - 28	555 (13,6 - 28) / 555DT (14,9 - 28)	16,9 - 30	16,9 - 30
TOWING-HITCH UNITS				
	front towing hitch, upper transport hitch, multi-hole drawbar		front towing hitch, upper transport hitch, multi-hole drawbar	
SAFETY CAB				
Type	comfort, safety, two door, low noise		comfort, safety, two door, low noise	
Equipment	heating, ventilation, roof hath, sun visor, windscreen washer, front and rear window washer, side mirrors, front and rear work lamps at the cab roof		heating, ventilation, roof hath, sun visor, windscreen washer, front and rear window washer, side mirrors, front and rear work lamps at the cab roof	
DIMENSIONS (mm) WEIGHT (kg)				
Lenght	3467 - 3787	555 (3430) / 555DT (3489 - 3760)	3725 - 4190	675 (3725) / 675 DT (4190)
Width	1740 - 2307	1665 - 2377	1939 - 2375	1939 - 2375
Height	2364 - 2391	555 (2365 - 2402) / 555DT (2410 - 2430)	2490 - 2505	2490 - 2505
Clearance	261	555 (272) / 555 DT (300)	390 - 405	390 - 405
Tractor weight [kg]	2492	555 (2773) / 555DT (2933)	670 (3308) / 670DT (3585)	675 (3308) / 675DT (3585)
CAPACITY				
Fuel tank	82	82	98	98

TRACTOR	685DT	690DT	7100DT	7110DT
PERFORMANCE				
Engine rated power	60,5KW [82,3HP] @ 2200 RPM	64,5KW [87,8HP] @ 2200 RPM	72KW [98HP] @ 2300 RPM	81KW [110HP] @ 2300 RPM
Maximum torque	345 Nm @ 1400 RPM	360 Nm @ 1400 RPM	384Nm @ 1400 RPM	416Nm @ 1400 RPM
ENGINE				
Type	PERKINS 1104D-44T	PERKINS 1104D-44T	PERKINS 1104D-44T	Perkins 1104D-44TA
No of cyl./capacity [cm³]	4/4400 TURBO	4/4400 TURBO	4/4400 TURBO	4/4400 TURBO
Cooling system	liquid	liquid	liquid	liquid
Air cleaner	two-stage dry type	two-stage dry type	two-stage dry type	two-stage dry type
TRANSMISSION	CARRARO		ZF T557 LS POWER SHIFT	
Clutch/pto	two disc type with independent PTO clutch control	two disc type with independent PTO clutch control	two disc type with independent PTO clutch control	two disc type with independent PTO clutch control
Gearbox type	constant mesh, synchronized with shuttle and reduction unit	constant mesh, synchronized with shuttle and reduction unit	constant mesh, synchronized with shuttle, reduction, range and creeper unit	constant mesh, synchronized with shuttle, reduction, range and creeper unit
Number of gears F/R	24/24R	24/24R	16/16R	16/16R
Differential lock	hydrostatical	hydrostatical	electro-hydraulic	electro-hydraulic
POWER TAKE OFF				
Type	independent and ground speed PTO	independent and ground speed PTO	independent and ground speed PTO	independent and ground speed PTO
PTO shaft speed/engine rpm	540/1938, 540E/1648	540/1938, 540E/1648	540/2045, 1000/2130, 430/2132, 750/2092	540/2045, 1000/2130, 430/2132, 750/2092
Shaft dia./no.of splines	35mm/6	35mm/6	35mm/6 DIN9611	35mm/6 DIN9611
HYDRAULIC LIFT				
Functions	draft and position control	draft and position control	draft and position control	draft and position control
Pump oil flow, liter/min	50	50	85 (55+30)	85 (55+30)
Nominal presure mpa	18	18	18	18
3-point hitch	2 kat. ISO	2 kat. ISO	2 kat. ISO 730-1, automatic couplings	2 kat. ISO 730-1, automatic couplings
Max. lift capacity, [kg]	3100	3100	4900	4900
No. of spool valves	6	6	6	6
STEERING				
Type	hydrostatic	hydrostatic	hydrostatic	hydrostatic
BRAKES				
Service brake	oil immersed disc type, mechanically actuation	oil immersed disc type, mechanically actuation	oil immersed disc type, hydraulic actuated service brake	oil immersed disc type, hydraulic actuated service brake
Parking brake	hand lever actuation	hand lever actuation	mechanical actuation parking brake	mechanical actuation parking brake
FRONT AXLE				
Type	CARRARO swivel pin mounted with final drive, automatic differential lock	CARRARO swivel pin mounted with final drive, automatic differential lock	CARRARO swivel pin mounted with final drive, automatic differential lock	CARRARO swivel pin mounted with final drive, automatic differential lock
TYRES				
Front	12,4 - R24	12,4 - R24	420/85R24	420/85R24
Rear	18,4 - R30	18,4 - R30	480/70R38	480/70R38
TOWING-HITCH UNITS				
	front towing hitch, upper transport hitch, multi-hole drawbar		front towing hitch, upper transport hitch, multi-hole drawbar	
SAFETY CAB				
Type	comfort, safety, two door, low noise		comfort, safety, two door, low noise	
Equipment	heating, ventilation, roof hath, sun visor, windscreen washer, front and rear window washer, side mirrors, front and rear work lamps at the cab roof		heating, ventilation, roof hath, sun visor, windscreen washer, front and rear window washer, side mirrors, front and rear work lamps at the cab roof	
DIMENSIONS (mm) WEIGHT (kg)				
Lenght	3684 - 4350	3684 - 4350	4071 - 4455	4071 - 4455
Width	1939 - 2403	1939 - 2403	1936 - 2457	1936 - 2457
Height	2533 - 2584	2533 - 2584	2646 - 2776	2646 - 2776
Clearance	383 - 434	383 - 434	298 - 428	298 - 428
Tractor weight [kg]	3987	3987	4600	4600
CAPACITY				
Fuel tank	98	98	160	160



WRITING PAD





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