



Daedong Tractors

EX35 / EX40 / EX45 / EX50



EX

EX35 / EX40 / EX45 / EX50

TRACTOR SERIES



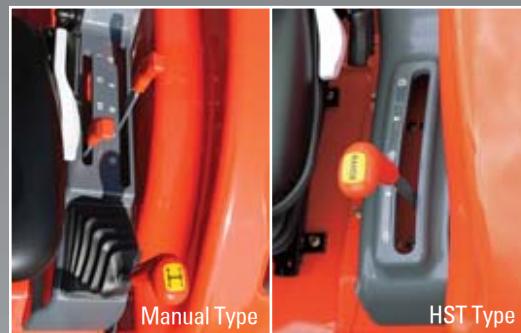
Single lever joystick

The operation of the front-end loader is made easier by the use of a single lever joystick. The joystick allows you to perform all loader functions with a single lever. The lever automatically returns to neutral and the loader stops in place when the joystick is released. A float position allows the bucket free floatation over the ground surface.



Hi / Low speed ranges(EX45H)

The HST models feature a Hi / Low range transmission to maximize performance and efficiency. With two ranges, speed and power can be matched to any job.



Graceful design

M32 (35~45HP)□s graceful design which is familiarized with CK Series(CK20/CK25/CK30) creates customer demand and also excellent design is competitive comparing to major tractor companies.

Good Design⁺



Servo HST applied

Regardless how big the load is, with the luxurious servo HST that controls a constant pedal operating power, an operator can reduce his fatigue even under a long period of working hours.

1. Requiring much lighter pedal operating power and with lesser shock, vibration & noise than mech. type of HST tractors.
2. Two separate pedals applied for forward and reverse movement.
3. Brake pedal installed in the left side on HST tractors.



Cruise Control, PTO

PTO Select Switch

PTO Switch



Servo HST pedal (EX45H)

Two HST pedals on the right side and brake pedal on the left side for convenient operation (HST tractors are less clutch) and stepping on the brake, HST pedal lock device is automatically released.





Hydraulic cylinder on three-point linkage

More step MLS valve applied

- Speed control - control drop speed or lock into any position.
- Hydraulic control system: draft, position and mixed control.
- No. Of an attachable rear hydraulic valves up to 2 pcs.

Hydraulic independent PTO (Mech/HST)

Operating PTO is available independently with travelling and work-efficiency improves by attaching various implements.

3- point linkage much improving attachment & detachment of the implements

Equipped with top link & lower link of hook type, available for easy attachment and detachment of implements.

Durable engine and transmission

The exceptionally quiet daedong diesel engine produces little vibration, and meets or exceeds EPA and CARB regulations.

- Front wheel hydraulic transmission with simple structure and convenient operation
- Transmission

With F12 / R12 on Mech. tractors (No. Of sub-shifting is 3 speeds), F24 / R24 (optional) It makes various work and provides customers with several options from a wide range of speeds

Simple Maintenance

The life of any tractor depends on regular maintenance. With daedong, you will find maintenance to be the simplest of all brands of tractors. Removable engine panels and front hood allows easy access to do daily service checks.



Increased Hydraulic Pump Capacity

With increased hydraulic pump capacity by 15%, as the speed of running rear implements such as front loader, backhoe, etc is much faster. The work efficiency can be much improved.

Hydraulic filter for only HST tractors

With an additional hydraulic filter on HST tractors can prevent HST damage by dust.

SPECIFICATIONS

MODEL		EX35		EX40		EX45		EX50	
		MANUAL	HST	MANUAL	HST	MANUAL	HST	MANUAL	HST
ENGINE	Model	3B183LXM	3B183LXH	4A200LXM	4A200LXH	4A220LXM	4A220LXH	4B243LXM	4B243LXH
	Type	3Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine		4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine		4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine		4Cyl., In-line Vertical, Water-cooled 4-cycle diesel engine	
	Engine gross HP(KW)	38(28.3)		41(30.5)		45(33.5)		50(37.2)	
	PTO HP(KW)	28.5(21.2)	27(20.1)	34(25.3)	32.5(24.2)	38(28.3)	36(26.8)	39.5(29.5)	37.5(27.9)
	Displacement cu.in.(cc)	1,826		1,999		2,197		2,435	
	Rated revolution rpm	2,600		2,600		2,600		2,600	
	Fuel tank capacity u.s.gal(ℓ)	11.9(45)		11.9(45)		11.9(45)		11.9(45)	
DRIVE TRAIN	Clutch	Dry type single stage	None	Dry type single stage	None	Dry type single stage	None	Dry type single stage	None
	Transmission	Synchro shuttle		Synchro shuttle		Synchro shuttle		Synchro shuttle	
	Speeds	F12/R12 (Creep: F24/R24)	3 Range HST	F12/R12 (Creep: F24/R24)	3 Range HST	F12/R12 (Creep: F24/R24)	3 Range HST	F12/R12 (Creep: F24/R24)	3 Range HST
	Differential lock	Standard		Standard		Standard		Standard	
	Brake	Wet disc type		Wet disc type		Wet disc type		Wet disc type	
	PTO	Hydrostatic, Independent		Hydrostatic, Independent		Hydrostatic, Independent		Hydrostatic, Independent	
	Rear PTO (Standard)	540		540		540		540	
HYDRAULIC SYSTEM	Mid PTO (Field Option)	2000		2000		2000		2000	
	Pump	Gear(Tandem)		Gear(Tandem)		Gear(Tandem)		Gear(Tandem)	
	Pump capacity(Max. flow rate) gpm(ℓ/min)	15.2(57.8)		16.8(63.9)		16.8(63.9)		16.8(63.9)	
	3-point hitch	Cat. I		Cat. I		Cat. I		Cat. I	
	Maximum lifting capacity lbs.(kgf) (24 aft. of hitch)	2583(1172) 2383(1081)		2940(1334) 2493(1131)		2940(1334) 2493(1131)		2940(1334) 2493(1131)	
	Hydraulic lift control system	Position, Draft, Mixed control		Position, Draft, Mixed control		Position, Draft, Mixed control		Position, Draft, Mixed control	
	Steering	Hydrostatic Power Steering		Hydrostatic Power Steering		Hydrostatic Power Steering		Hydrostatic Power Steering	
TIRE SIZE	Front AG.(TURF, INDUSTRIAL)	7-16(27-8.5-15, 27-10.5-15)		8-16(27-8.5-15, 10-16.5)		9.5-16(29-12.5-15, 12-16.5)		9.5-16(29-12.5-15, 12-16.5)	
	Rear AG.(TURF, INDUSTRIAL)	12.4-24(41-14-20, 43-16-20)		13.6-24(41-14-20, 14.9-24)		13.6-26(21.5L-16.1, 17.5L-24)		13.6-26(21.5L-16.1, 17.5L-24)	
TRAVELING SPEEDS	Forward(Creep) mph(km/h)	0.8(0.1)~14.5 (1.4(0.16)~23.4)	0~16.0 (0~25.8)	0.9(0.1)~14.5 (1.4(0.16)~24.5)	0~16.7 (0~27.0)	0.9(0.1)~16.0 (1.5(0.18)~25.8)	0~17.7 (0~28.5)	0.9(0.1)~16.0 (1.5(0.18)~25.8)	0~17.7 (0~28.5)
	Reverse(Creep) mph(km/h)	0.7(0.08)~12.9 (1.2(0.14)~20.8)	0~16.0 (0~25.8)	0.8(0.09)~13.4 (1.3(0.15)~21.7)	0~16.7 (0~27.0)	0.8(0.1)~14.2 (1.3(0.15)~22.9)	0~17.7 (0~28.5)	0.8(0.1)~14.2 (1.3(0.15)~22.9)	0~17.7 (0~28.5)
DIMENSIONS	Overall length(includes 3-pt hitch) in.(mm)	3420		3455		3455		3455	
	Overall width(minimum tread) in.(mm)	1550		1635		1646		1646	
	Overall height(from top of ROPS) in.(mm)	2365		2415		2445		2445	
	Wheelbase in.(mm)	1767		1880		1880		1880	
	Min. ground clearance in.(mm)	325		340		370		370	
	Tread Front(Ag.) in.(mm)	49.1(1248)		49.0(1245)		53.7(1365)		53.7(1365)	
	Tread Rear(Ag.) in.(mm)	(48.7~53.0)1237~1347		(50.7~58.6)1290~1490		(50.3~58.2)1278~1478		(50.3~58.2)1278~1478	
	Min. turning radius(with brake) feet(m)	9.3(2.85)		9.5(2.91)		10.2(3.13)		10.2(3.13)	
	Weight with ROPS and AG tires lbs.(kgf)	1667	1664	1780	1745	1792	1780	1800	1785

※NOTE: The specifications are subject to change for the purpose of improvement without any notice.



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