

# compact

## Compact Series

2840 | 3640 | 4140 | 4740

SYNCHRO SHUTTLE | HYDROSTATIC



**Landini**



# Power and Performance – The Perfect Fit

## The Landini Compact – a new breed of power in the compact line of tractors

With four horsepower sizes offered in a rugged open station platform, Landini has your compact tractor needs covered. With a variety of transmission options including an available hydrostatic transmission and mid-PTO these compacts make easy work of your day-to-day chores. Standard features including wet-disc brakes, conveniently positioned levers, and an ergonomic platform make everyday work a pleasure. Ideally suited for the small farmer, landscaper or estate owner these compacts will tackle the toughest tasks without difficulty.

Built with durability in mind, the Landini compacts feature powerful, quiet, and low emission Mitsubishi diesel engines. While utilizing a modern design, the Landini compacts offer cast iron front axles, hydrostatic steering and two-stage engine filtration. Combine these features with Landini's commitment to quality parts and service support and you have a recipe for success.

## TRACTOR SPECIFICS



### MITSUBISHI ENGINE

The powerful four cylinder diesel engines utilize the latest in technology. The engine provides high torque backup, improved fuel efficiency, low noise and reduced emissions. The Landini compacts range from 28 to 47 engine HP.

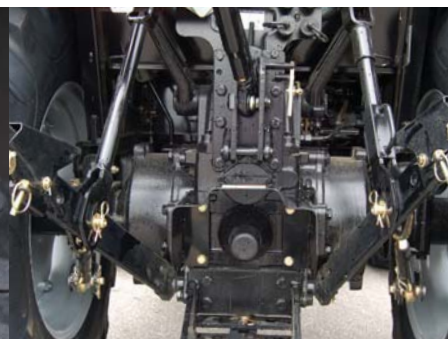
The full opening tilt up hood allows easy access for routine service and maintenance. For a totally unobstructed view, which greatly enhances front loader operation, the muffler is concealed under the hood with downswept exhaust. These reliable and easy to maintain engines will ensure years of productivity.



### TRANSMISSION

The 2840 and 3640 compacts come standard with a 12x12 synchro shuttle, while the 4140 and 4740 are equipped with a 16x16 synchro shuttle. The easy to operate synchro shuttle is a dependable and reliable transmission offering a full range of gears for all your different applications. An optional creeper gear is available on the 4140 and 4740 compacts for applications that require slower speeds.

The optional hydrostatic transmission is an easy to operate two-pedal system that is smooth and effortless. With 3 ranges, the hydrostatic transmission gives the operator control over a variety of speed options. The hydrostatic transmission is ideal for jobs that require constant switching between forward and reverse. Mower and loader tasks are made easy and are less demanding on the operator.



### HYDRAULIC SYSTEM & PTO

The Landini compacts are equipped with a powerful hydraulic system providing up to 30 l/min(8.2g/min.) of flow. The standard valve block and dual remote couplers allow for fast and easy connection to the tractor hydraulics. The large capacity hydraulic pump provides powerful lifting capacity, allowing you to use a wider range of implements.

The independent PTO is easily engaged with the turn of a switch. Adjustable 3-point stabilizers keep your implement in line with ease. The electro hydraulically controlled PTO will power a multitude of implements. An optional Mid-PTO is available for use with a mid mount mower or other implements.





#### HEAVY DUTY FRONT AXLE

The four-wheel drive front axle features a rugged cast construction and delivers optimum ground clearance. The 55 degree turning angle ensures excellent maneuverability and a short turning radius. The wet, multi disc brakes and rear differential lock result in effective braking and traction in any environment.



#### FRONT LOADER

The available front end loader further adds to the versatility of the Landini compact. The A105 and A111 Landini loaders offer more than 2800lbs of lift capacity. Front end loader controls are fender mounted for fast and easy control. Available attachments such as a grapple, front blade and pallet fork make the Landini loader and tractor the perfect combination.



#### BACKHOE

The Landini LH76 and LH86 backhoe offer 7½ and 8½ feet of digging depth respectively. With more than 2800 lbs of digging force the Landini backhoe is a powerful and compact implement.



#### MID-MOUNT MOWER

The available 66" and 72" mid-mount mower decks add to the list of attachments that are available to get your various jobs done. The three blade design ensures that you get an even and precise cut every time. The mower can be installed on its own or together with the loader and backhoe to create a multi-functional machine.





## TECHNICAL DATA

### LOADER FOR COMPACT SERIES

SPECIFICATIONS	Model A105	Model A111
	2840/3640	4140/4740
Max Lift (in)	93	93
Reach @ Max height	87	87
Clearance (in)	74	74
Dump Angle (deg)	30	30
Reach @ Ground (in)	67	67
Rollback (deg)	18	18
Digging Depth (in)	5.5	5.5
Overall height (in)	60.5	60.5
Lift capacity to full ht (lb)	2250	2250
Breakout force (lb)	4500	4500
Lift Capacity @ 59" (lb)	2800	2800
Raise time (s)	4.1	4.1
Lower time (s)	2.9	2.9
Dump time (s)	2.9	2.9
Pressure rating (psi)	2415	2415
Recommended bucket size (in)	66	72
Tool bar type	Skid Steer	Skid Steer
Attachment method	Quick Attach	Quick Attach

\*The lift capacity and breakout force are controlled by the relief setting of the tractor hydraulics which vary from tractor to tractor as indicated. All lift capacity measurements, the 3-point hitch was used to hold 575lb of ballast

### BACKHOES FOR COMPACT SERIES

SPECIFICATIONS	Model LH76	Model LH86
	2840/3640 4140/4740	4140/4740
Max Digging Depth (in)	96	108
Digging Depth 2' flat bottom (in)	90	102
Swing Arc	180	180
Loading Height (60° bucket) (in)	70	82
Reach from Center Line (in)	114	133
Transport Height (in)	69	81
Bucket Rotation	180	180
Loading Reach (60° bucket) (in)	43	43
Transport Overhang (in)	42	48
Undercut	30	34
Stabilizer Spread (down pos.) (in)	89	99
Bucket Cyl. Digging Force (lbs)	2840	3730
Dipperstick Cyl. Digging Force (lbs)	2005	2435
Hyd Volume Req (gpm)	5-6	5-8
Hyd Pressure Req (psi)	2250	2550
Available Bucket Sizes (in)	9, 13, 16, 20, 24	14, 18, 24, 36, 40 (HD)





## TECHNICAL DATA

### MOWERS FOR COMPACT SERIES

SPECIFICATIONS	Model MS66	Model MS72
	2840 / 3640	4140 / 4740
Cutting Width (in)	66	72
Cutting Height (in)	1 to 4	
Transport position ground clearance (in)	3 1/2	
Tractor PTO HP range (hp)	20 – 45	
Tractor mid PTO speed (rpm)	2100	
Gearbox ratio	1.43:1	
Driveline Size	ASAE Cat 3	
Number of Blades	3	
Blade Size (in)	1/4 x 2 - 1/2 x 23	1/4 x 2 - 1/2 x 25
Blade Tip Speed (fpm)	18,000	
Blade Overlap (in)	1-1/4	1-1/2
Belt Drive Type	Belt, "B" size Kevlar Cord	
Belt Adjustment	Spring loaded idler	
Discharge	Right Side	
Fabricated, reinforced Deck Plate	10 gauge with spindle reinforcement	
Front Caster Wheels (2)	2 x 6 inch	
Rear Gauge Wheels (2)	2 x 6 inch	
Anti Scalp rollers	Front 2.5 x 10; skid plate	
Approximate Weight (lb)	450	500



## TECHNICAL DATA

ITEMS	2840	2840H	3640	3640H	4140	4140H	4740	4740H
<b>ENGINE</b>								
Gross Horsepower – hp	28		38		41		47	
Rated Speed – rpm	2600		2700		2600		2600	
Type	Vertical, Indirect		Vertical, Indirect		Vertical, Indirect		Vertical, Indirect	
No. of Cylinder	4		4		4		4	
Bore / Stroke – in. (mm)	3.15/3.64 (80/92.4)		3.07/3.09 (78/78.5)		3.5/3.7 (88/95)		3.5/4.1 (88/103)	
Displacement – cu. In. (l)	92 (1.5)		107 (1.8)		141 (2.3)		153 (2.5)	
Air Cleaner	Dry Dual Element		Dry Dual Element		Dry Dual Element		Dry Dual Element	
Cold Starting Aid	Glow Plug		Glow Plug		Glow Plug		Glow Plug	
Fuel Tank – l (gal.)	32 (8.5)		32 (8.5)		38 (10)		38 (10)	
Cooling system	Water- cooled		Water- cooled		Water- cooled		Water- cooled	
Alternator	12V-50A		12V-50A		12V-50A		12V-50A	

<b>PTO</b>								
PTO Type – Standard (opt)	Rear (MID PTO)		Rear (MID PTO)		Rear (MID PTO)		Rear (MID PTO)	
Maximum PTO power – hp	23	22	31	29	36	34	41	39
PTO speed standard – rpm	540		540		540		540	
Safety interlock	yes		yes		yes		yes	
Control	Electro hydraulic		Electro hydraulic		Electro hydraulic		Electro hydraulic	

<b>TRANSMISSION</b>								
Basic Transmission (opt)	12x12	HST+3 rng	12x12	HST+3 rng	16x16 (32x16)	HST+3 mg	16x16 (32x16)	HST+3 mg
Creeper	N/A		N/A		opt		opt	
Forward Speed Range – kph	1.7~26.1	0~25.4	1.7~27.4	0~26.6	1.08~ 28.7	0~ 24.37	1.08~ 28.7	0~ 24.37
Reverse Speed Range – kph	1.5~22.2	0~18.5	1.5~24.3	0~23.4	1.17~ 28.7	0~ 17.8	1.17~ 28.7	0~ 17.8
Main Gear Shift type	Synchro		Synchro		Synchro		Synchro	
Range Gear Shift type	Gear Sliding		Gear Sliding		Collar Shifting		Collar Shifting	
Rear Differential lock	Mechanical		Mechanical		Mechanical		Mechanical	
Brake type	wet, multi disc		wet, multi disc		wet, multi disc		wet, multi disc	

<b>HYDRAULICS</b>								
Main Pump – l/min (gal./min)	30 (8)		30.8 (8.1)		31 (8.2)		31 (8.2)	
Steering Pump – l/min (gal./min)	13 (3.4)		13.6 (3.6)		15.6 (4.1)	20.8 (5.5)	15.6 (4.1)	20.8 (5.5)
Remote Valves	2		2		2		2	
Lift capacity @ ball end – lb. (kg)	2620 (1182)		2620 (1182)		2756 (1250)		2756 (1250)	
3-point linkage category	1		1		1		1	
Steering type	Hydrostatic		Hydrostatic		Hydrostatic		Hydrostatic	

<b>TIRES</b>								
Standard (4WD) Front	7x14-6 R1 (AG)		7x14-6 R1 (AG)		9.5x16 R1 (AG)		9.5x16 R1 (AG)	
Standard (4WD) Rear	11.2-24 R1 (AG)		11.2-24 R1 (AG)		12.4-24 R1 (AG)		12.4-24 R1 (AG)	

<b>DIMENSIONS</b>								
Wheel base – in. (cm)	65 (166)		65 (166)		69 (176)		69 (176)	
Turning Radius w. Brake – in. (cm)	101 (256)		101 (256)		100 (254)		100 (254)	
Turning Radius w/o Brake – in. (cm)	114 (290)		114 (290)		108 (275)		108 (275)	
Length – in. (cm)	118 (299)		118 (299)		126 (319)		126 (319)	
Width – in. (cm)	58 (147)		58 (147)		60.6 (154)		60.6 (154)	
Height – in. (cm)	91 (231)		91 (231)		95 (241)		95 (241)	
Ground Clearance – in. (cm)	13 (33)		13 (33)		14 (35)		14 (35)	
Weight – lb. (kg)	2645 (1200)		2711 (1230)		3583 (1625)		3583 (1625)	