

P SERIES | P4000

LOVOL

90-110HP

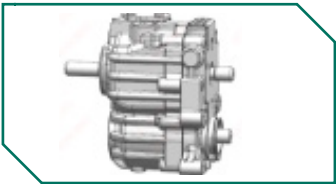


PRODUCT INTRODUCTION

P4000 is a high-end high-performance tractor newly built by Lovol. Its innovative three-axis gearbox makes it take into account both compact volume and structural strength. The new design concept makes it have rich optional configurations. It can be competent for all kinds of working environments such as dry fields, transportation and pastures, and matches all kinds of plows, rakes, bulldozers, front loaders, trailers and other machines and tools.



Three engines, Weichai WP4.1, Weichai WP4.6N, and Doosan D34, can be optional to meet National III, Euro III A, Euro V, and MAR1 emissions



The gearbox is available in two gears: 12 +12 and 18 +18, and can be equipped with crawl gear, power shuttle, high and low power and other configurations



Optional 55/65/80 L/min, three different hydraulic flows, his lifting force is up to 2400 kg

TECHNICAL PARAMETERS

Model	P4090	P4100	P4110	P4110	P4110
Dynamical system					
Engine brand model	Doosan D34	Doosan D34	Doosan D34	Weichai WP4.1	Weichai WP4.6N
Displacement/number of cylinders	3.41/4 cylinder	3.41/4 cylinder	3.41/4 cylinder	4.088/4 cylinders	4.58/4 cylinders
Rated engine speed (r/min)	2400	2400	2400	2400	2400
Engine power at rated speed (hp)	66.2 (90)	73.5 (100)	81 (110)	81 (110)	81 (110)
Maximum torque (N · m)	410	450	450	490	490
Emission standard	Euro V	Euro V	Euro V	Ⅲ	Euro V
Fuel tank volume (L)	140	140	140	170	140
Transmission system					
Clutch	Double-acting dry clutch			Electronically controlled wet clutch	
Shift mode	Synchronizer			Powered shuttle shift	
Number of gears	18+18				
Driving speed	2.48-39.65 km/h		0.40-38.80 km/h (with creeper)		
Four-wheel drive control	Electric control				
Differential lock	Electric control				
Brake form	Wet disc brake				
Number of splines/PTO shaft speed	6 keys, 540/1000			6/8 key, 540/1000	
Standard tire					
Front wheels	380/70R24				
Rear wheels	520/70R34				
Working unit					
Lifter control type	Force position alone			Force position alone/strong pressure	
Lift Capacity(measured at 610mm behind hook point)	≥2400	≥2400	≥2400	≥2400	≥2400
Hydraulic system					
Number of multiway valves	2/3	2/3	2/3	3	3
Working hydraulic pump flow rate (L/min)	55	55	55	65	65
Complete machine parameters					
Dimensions (length, width and height) (mm)	4725 × 2200 × 3185 (CAB) 4725 × 2200 × 2900 (ROPS)			4935×2175×2765	4900×2175×2770
Wheelbase (mm)	2370			2470	2470
Front track and adjustment method (mm)	1580, 1670, 1720 (stepwise adjustable)				
Rear track and adjustment method (mm)	1480-2030 (stepless adjustable)			1480-2030 (stepless adjustable)	
Minimum front ground clearance	430	430	430	430	430
Agronomic ground clearance (mm)	450	450	450	450	450
Structural mass (kg)	3890 (CAB)3550 (ROPS)			4300	4500
Minimum service mass (kg)	4200 (CAB)3760 (ROPS)			4600	4800