

KOMATSU[®]

PRODUCT BULLETIN

PC300LC-7
Hydraulic Excavator

INTERNAL USE ONLY

GALEO



Introducing the PC300LC-7
Hydraulic Excavator



Building on the technology and expertise Komatsu has accumulated since its establishment in 1921, GALEO presents customers worldwide with a strong, distinctive image of technological innovation and exceptional value. The GALEO brand will be employed for Komatsu's full lineup of advanced construction and mining equipment. Designed with high productivity, safety and environmental considerations in mind, the machines in this line reflect Komatsu's commitment to contributing to the creation of a better world.

Genuine Answers for Land & Environment Optimization

TABLE OF CONTENTS

1	DESIGN CONCEPT	2-3
2	HIGHLIGHTS AND TECHNICAL SELLING POINTS	4-5
3	PRODUCTIVITY FEATURES	
	INCREASED PRODUCTION.....	6
	HIGH ENGINE OUTPUT, LOW FUEL CONSUMPTION.....	7
	LARGER DIGGING FORCE.....	8
	PROVEN HYDRAULIC SYSTEM.....	9-10
	GREATLY INCREASED STABILITY.....	11
	TWO BOOM SETTINGS.....	11
	IMPROVEMENT OF TRAVEL PERFORMANCE.....	12-13
4	RELIABILITY & DURABILITY FEATURES	
	IMPROVED DURABILITY OF TRACK LINK.....	14
	REINFORCEMENT OF WORK EQUIPMENT.....	14-15
	IMPROVEMENT IN RELIABILITY OF ELECTRIC PARTS.....	15
	DT CONNECTORS.....	16
	O-RING FACE SEAL.....	16
5	OPERATOR COMFORT	
	LARGE-SIZED CAB.....	17
	SUPER SILENT CAB.....	18
	CAB DAMPER.....	19
	CIRCULATION OF AIR IN CAB TO KEEP CLEANLINESS.....	20
	INCREASED CAB PRESSURIZATION.....	20
	WASHABLE FLOOR MAT.....	20
	CONVENIENT CAB ACCESSORIES.....	21
	CONVENIENCE OPTIONS.....	21
	ASSISTED PULL-UP FRONT WINDOW.....	22
	IMPROVED VISIBILITY.....	22
6	EASY MAINTENANCE & INSPECTION	
	RADIATOR AND OIL COOLER.....	23
	ENGINE OIL AND FILTER.....	24
	FUEL LINE.....	24
	FUEL TANK.....	25
	TRACK FRAME MUD REMOVAL.....	25
	ENGINE AND HYDRAULIC OIL FILTER.....	26
	LONG REPLACEMENT INTERVAL PARTS.....	27
7	SAFETY FEATURES	
	GLOBAL SAFETY DESIGN.....	28
	FULLY PRESSED CAB.....	29
	OPG TOP GUARD (OPTION).....	29
8	ENVIRONMENTAL FEATURES	
	CLEAN ENGINE.....	30
	LOW NOISE IN AND OUT OF OPERATOR'S CAB.....	30
	SELECT ECONOMY MODE.....	31
	RECYCLING DESIGN FOR EFFECTIVE USE OF RESOURCES.....	31
9	MULTI-FUNCTION COLOR MONITOR	
	MULTI-FUNCTION COLOR MONITOR (OPTIONAL).....	32
	SIMPLIFIED WORKING MODE.....	33
	HYDRAULIC PUMP OIL FLOW ADJUSTMENT SYSTEM.....	33
	AUTOMATIC THREE TRAVEL SPEED/LIFTING MODE.....	34
	EMMS.....	34
	EMMS, MAINTENANCE FUNCTION.....	35
	EMMS, DATA MEMORY FUNCTION.....	35
10	WORK EQUIPMENT	
	GREASING INTERVAL EXTENDED.....	36
11	ATTACHMENTS & OPTIONAL EQUIPMENT	
	PIPING FOR ONE ATTACHMENT.....	37-39
12	INTERCHANGEABILITY	40
13	COMPETITIVE SPECIFICATIONS	41-42

1

DESIGN CONCEPT

PC300LC-7

1. Largest production and lowest fuel consumption in its class with improved proven HydraMind system
2. Improved fundamental performance such as arm digging force, maximum drawbar pull, stability, etc.
3. Higher reliability and durability
4. Easy maintenance and high serviceability to avoid waste and time-consuming work as much as possible
5. Low-noise and low vibration design for the highest operator comfort
6. Meets EPA, EU and Japan Tier II emission regulations
7. Set new leading edge world standards for quality, reliability and safety
8. Multi-function color monitor First in the industry (Optional)