

# KOMATSU HYDRAULIC EXCAVATORS



Comprehensive Solutions from L&T



**Komatsu PC71**

Type	Crawler mounted
Flywheel Horsepower	60HP @ 1900rpm
Operating Weight	7.05 T
Standard Attachments:	Backhoe
• Boom	3.7 m
• Arm	1.65
• Bucket	0.3 m <sup>3</sup>
Swing Speed	12.0 rpm
Optional Equipment	<ul style="list-style-type: none"> <li>• 0.09 m<sup>3</sup> Trenching Bucket</li> <li>• 0.35 m<sup>3</sup> GP Bucket • Long Arm</li> <li>• Tunnel Configuration</li> <li>• RB Adaptation Kit • Cold Start Kit</li> <li>• FOPS Cab</li> <li>• 0.3 m<sup>3</sup> Granite Bucket</li> <li>• Quarry configuration</li> <li>• Service valve kit</li> <li>• Cab Mesh Grill</li> <li>• Pre-cleaner</li> </ul>



**Komatsu PC130**

Type	Crawler mounted
Flywheel Horsepower	89HP @ 2200rpm
Operating Weight	12.6 T
Standard Attachments:	Backhoe
• Boom	4.6 m
• Arm	2.1 m
• Bucket	0.64 m <sup>3</sup>
Swing Speed	11.0 rpm
Monitor	Self Diagnostic, Facilitating Trouble-shooting
Optional Equipment	<ul style="list-style-type: none"> <li>• 0.53 m<sup>3</sup> Rock Bucket</li> <li>• 0.70 m<sup>3</sup> GP Bucket</li> <li>• RB Adaptation Kit</li> <li>• AC Cabin • Service Valve</li> <li>• Cabin Mesh Grill</li> <li>• Quarry configuration</li> <li>• Long arm</li> <li>• Return line filter</li> <li>• Tunnel configuration</li> <li>• 0.64 m<sup>3</sup> Granite Bucket</li> </ul>



**Komatsu PC210**

Type	Crawler mounted
Gross Horsepower	147HP @ 2000rpm
Operating Weight	21.6 T
Standard Attachments:	Backhoe
• Boom	5.7 m
• Arm	2.4 m
• Bucket	0.8 - 1.7 m <sup>3</sup>
Swing Speed	12.4 rpm
Standard Equipment	<ul style="list-style-type: none"> <li>• KOMTRAX™ • AC Cabin</li> <li>• 6 Working Modes</li> <li>• Seven Spool for RB adaptation</li> <li>• Self-Diagnostic TFT Monitor with EMMS</li> </ul>
Optional Equipment	<ul style="list-style-type: none"> <li>• 500mm Track</li> <li>• Rock Breaker Adaptation Kit</li> <li>• HD Spec</li> <li>• FOPS Cabin</li> <li>• Non-AC Cabin</li> <li>• 2.9 m Arm • Rock Breaker</li> </ul>



**Komatsu PC300**

Type	Crawler mounted
Flywheel horsepower	242HP @ 1900rpm
Operating Weight	33.3 T
Standard Attachments:	Backhoe
• Boom	6.47 m
• Arm	2.2 m / 3.2 m
• Bucket	1.4 - 2.5 m <sup>3</sup>
Swing Speed	9.5 rpm
Monitor	Self-diagnostic, Facilitating Trouble-Shooting
Optional Equipment	<ul style="list-style-type: none"> <li>• Rock Breaker Adaptation Kit</li> <li>• AC Cabin • 6.5 m Arm</li> </ul>
<b>Komatsu PC300LC-7 'MIGHTY'</b>	
Operating Weight	34.3 T
Flywheel horsepower	242HP @ 1900rpm
• Arm	2.2 m / 2.6 m / 3.2 m
• Bucket	1.4 - m <sup>3</sup>
Application	Specially Designed for Granite / Marble / Stone Industry



**Komatsu PC450**

Type	Crawler mounted
Flywheel Horsepower	330HP @ 1800rpm
Operating Weight	45 T
Standard Attachments:	Backhoe
• Boom	6.7 m / 7.1 m
• Arm	2.4 m
• Bucket	1.9 m <sup>3</sup> - 3.1 m <sup>3</sup>
Swing Speed	9.0 rpm
Monitor	Self Diagnostic, Facilitating Trouble Shooting
Optional Equipment	<ul style="list-style-type: none"> <li>• Automated Centralised Lubrication System</li> <li>• Service Valve</li> <li>• FOPS</li> <li>• 2.9 m Arm</li> <li>• Rock Breaker Adaptation Kit</li> </ul>

# KOMATSU CONSTRUCTION & MINING EQUIPMENT



**Hydraulic Excavators**  
Backhoe

Model	Power kW (HP)	Operating Weight (Kg)	Bucket Capacity (M <sup>3</sup> )
PC600LC-8R1	320 (429)	58300	2.0-3.5
PC800-8R1	363 (487)	74500	2.8-3.4
PC800-8R1 SE	363 (487)	75500	4.0-4.5
PC1250-8R	502 (672)	106500	3.4-5.2
PC1250SP-8R	502 (672)	110700	6.7
PC2000-8	713 (956)	200000	12-13.7
PC3000-6 (D)	940 (1260)	256000	12-16.5
PC3000-6 (E)	GHP 900 (1206)	252000	12-20
PC4000-6 (D)	1400 (1875)	394000	19-23
PC4000-6 (E)	GHP 1350 (1809)	390000	16-28
PC5500-6 (D)	2x 940 (1260)	538000	26-29
PC5500-6 (E)	GHP 1800 (2412)	535000	21-36
PC8000-6 (D)	2x 1500 (2010)	763000	28-48
PC8000-6 (E)	GHP 2900 (3886)	732000	28-48



**Hydraulic Excavators**  
Loading Shovel

Model	Power kW (HP)	Operating Weight (Kg)	Bucket Capacity (M <sup>3</sup> )
PC400LC-7	246 (330)	44190	2.8-3.2
PC600LC-8R	1320 (429)	62300	4.0
PC800-8R1	363 (487)	77300	4.5-5.1
PC1250-8R	502 (672)	110900	6.5
PC2000-8	713 (956)	195000	11.0
PC3000-6 (D)	940 (1260)	250000	12-16
PC3000-6 (E)	GHP 900 (1206)	251000	10-20
PC4000-6 (D)	1400 (1875)	388000	19-24
PC4000-6 (E)	GHP 1350 (1836)	383000	16-28
PC5500-6 (D)	2x 940 (1260)	533000	21-29
PC5500-6 (E)	GHP 1800 (2412)	529000	20-36
PC8000-6 (D)	2x 1500 (2010)	752000	28-42
PC8000-6 (E)	GHP 2900 (3886)	725000	28-50



**Dump Trucks**  
Mechanical

Model	Power kW (HP)	Gross Vehicle Wt (Kg)	Maximum Payload (Tonnes)	Heaped Capacity (M <sup>3</sup> )
HD465-7E0	533 (715)	99680	55	34.2
HD785-7	879 (1178)	166000	91	60
HD1500-7	1048 (1406)	249478	144	78
<b>Electrical</b>				
730E	1405 (1884)	328401	181	111
830E-1AC	1761 (2360)	385848	222	147
930E-4	1902 (2550)	501974	292	211
960E-2K	2495 (3346)	576072	327	214
<b>Articulated Dump Trucks</b>				
HM300-2R	246 (329)	51420	27.3	16.6
HM350-2R	294 (394)	63440	32.3	19.8
HM400-2R	327 (438)	69040	36.5	22.3



**Dozers/Pipe Layers**  
Dozers

Model	Power kW (HP)	Operating Weight(kg)	Blade Type	Blade Capacity (M <sup>3</sup> )
D39EX-21	71 (95)	8520	Power Angle tilt	1.9
D85ESS-2A	149 (200)	20670	Straight Tilt	4.4
D155A-6R	264 (354)	41700	Semi-U	9.4
D275A-5R	335 (449)	50850	Semi-U	13.7
D375A-6R	455 (610)	70235	Semi-U	18.5
D475A-5E0	664 (890)	108390	Semi-U	27.2
D575A-3	783 (1050)	131350	Semi-U	45
D575A-3SD	858 (1150)	152600	Super Dozer	69
<b>Pipe Layers</b>				
Model	Power kW(HP)	Operating Weight(kg)	Lifting Capacity (kg)	Boom Length (MM)
D85C-21	168 (225)	30050	41000	5500
D155C-1	239 (320)	45800	70000	6200
D355C-3	269 (360)	57850	92000	7300



**Wheel Loaders/Dozers**  
Wheel Loaders

Model	Power kW (HP)	Operating Weight (Kg)	Bucket Capacity (M <sup>3</sup> )
WA380-6	142 (191)	16610	2.7-4.0
WA470-6A	203 (272)	22960	3.6-5.2
WA500-6R	263 (353)	33360	4.3-5.6
WA600-6R	393 (527)	52700	6.4-7.0
WA700-3A	502 (672)	70620	8.7-9.4
WA800-3E0	603 (808)	101900	10-14
WA900-3E0	638 (856)	107200	11.5-13
WA1200-6	1316 (1765)	217220	18-35
<b>Wheel Dozers</b>			
Model	Power kW (HP)	Operating Weight (Kg)	Bucket Capacity (M <sup>3</sup> )
WD420-3	167 (224)	20000	3.1
WD500-3	235 (315)	26900	5.1
WD600-3	362 (485)	42900	8 - 22.5
WD900-3	637 (853)	100000	26-45



**Motor Graders**

Model	Power kW (HP)	Operating Weight (Kg)	Blade Length X Height (MM)
GD555-5	144 (193)	15135	3710 X 645
GD705-5	186 (250)	19300	4320 X 700
GD825A-2	209 (280)	26350	4878 X 850
<b>Dozer Shovels</b>			
Model	Power kW(HP)	Op Weight (Kg)	Bucket Cpty (M <sup>3</sup> )
D75S-5	149 (200)	21220	2.2
<b>Wheel Dozer</b>			
Model	Power kW (HP)	Operating Weight (Kg)	Bucket Capacity (M <sup>3</sup> )
WD420-3	167 (224)	20000	3.1
WD500-3	235 (315)	26900	5.1
WD600-3	362 (485)	42900	8 - 22.5
WD900-3	637 (853)	100000	26-45





**P410 8x4 Tipper with 32m<sup>3</sup> Coalbody**

Capacity (Max as per CMVR)	Front Axle Weight	2x6000 Kgs
	Rear Axle Weight	2x9500 Kgs
	Gross Vehicle Weight	31000 Kgs
Engine	Make	ScaniaDC13 107(Euro3)
	Max Output	410HP(302kW) @ 1900rpm
	Max Torque	2000 Nm @ 1100-1350rpm
	Fuel Tank Capacity	380 litres
Dimensions	Axle Distance	5100mm
	Overall Length approx.	9120mm
	Overall Width	2550mm
	Overall Height approx.	3800mm
	Wheel Base	4855mm
	Turning Circle approx.	23600mm
GearBox	Type	Scania GRSO925 with Opticruise 12+2speed range splitter with overdrive+2 Crawler gears.
	TipperBody	Type
Body	Type	32m <sup>3</sup> Coalbody with tail gate with double Hinge.



**P410 8x4 Tipper with 20m<sup>3</sup> Rockbody**

Capacity (Max as per CMVR)	Front Axle Weight	2x6000 Kgs
	Bogie	19000 Kgs
	Gross Vehicle Weight	31000 Kgs
Engine	Make	ScaniaDC13107(Euro3)
	Max Output	410HP(302kW) @ 1900rpm
	Max Torque	2000Nm @ 1000-1350rpm
	Fuel Tank Capacity	380litres
Dimensions	Axle Distance	4300mm
	Overall Length approx.	9200mm
	Overall Width	2550mm
	Overall Height approx.	3600mm
	Wheel Base	4055mm
	Turning Circle approx.	20920mm
GearBox	Type	Scania GRSO925 with Opticruise 12+2speed range splitter with overdrive+2 Crawler gears.
	TipperBody	Type
Body	Type	20m <sup>3</sup> U-shaped body for Rock & Overburden



**L&T 300 Hydraulic Excavator**

Type	Crawler Mounted
Flywheel Horsepower	320HP @ 1900rpm
Operating Weight	B/A 55.45 T, F/D 58.4T, B/D 58.4T
Standard Attachments:	Backhoe
• Boom	5.9 m / 6.8 m
• Arm	3.25 m
• Bucket	3 m <sup>3</sup> (SAE)
Standard Attachments:	Loader Front Dump
• Boom	3.9 m
• Arm	3.9 m
• Bucket	3.2 m <sup>3</sup> - 3.9 m <sup>3</sup>
Standard Attachments:	Loader Bottom Dump
• Boom	3.9 m
• Arm	2.75 m, 3.25 (with elevated cabin)
• Bucket	3.2 m <sup>3</sup> - 4 m <sup>3</sup>
Optional Equipment	• Electric Version Powered by 225 kW Electric Motor also available



**L&T 9020 Wheel Loader**

Std operating wt	11,500 kg
Standard Bucket Capacity	1.5 – 3.0 m <sup>3</sup>
Rated Payload	3,500 kg
Engine	Ashok Leyland H6 ETIC3RU 23/3 Turbo Charged, Direct injection diesel engine, conforming to CEV Bharat Stage III emission regulations
Power Train	Fixed Front Axle Rear Axle with 45° Limited-slip Differential
Loader Buckets	<ul style="list-style-type: none"> <li>• 2.0 m<sup>3</sup> General purpose</li> <li>• 1.7 m<sup>3</sup> Heavy material</li> <li>• 1.5 m<sup>3</sup> Rock material</li> <li>• 3.0 m<sup>3</sup> Light material</li> </ul>
Ground Engaging Tools	<ul style="list-style-type: none"> <li>• Weld-on Tooth</li> <li>• Bolt-on Tooth</li> <li>• Bolt-on Cutting edge (Reversible)</li> </ul>
Optional	<ul style="list-style-type: none"> <li>• Wind Shield Guard</li> <li>• AC Cabin</li> <li>• Automatic fire suppression system</li> <li>• Automatic centralized lubrication system</li> <li>• Rear view camera</li> <li>• Audio visual alarm for reversing</li> <li>• Dozer Blade</li> <li>• Fire Extinguisher</li> <li>• High Lift Arm Configuration</li> <li>• Cold start kit</li> </ul>

**Mobile Crushers/Recyclers**  
**Mobile Crushers**

Model	Nett Horse Power kW(HP)	Operating Weight (kg)	Max Feed Grain Size (mm)	Crushing Capacity (t/hr)
BR100JG-2	40.5(54)	9900	600X500X300	18-56
BR380JG-1E0	140(187)	34000	475X900X1000	60-175
BR580JG-1	257(345)	49000	600X950X1200	110-460

**Mobile Soil Recyclers**

Model	Nett Horse Power kW(HP)	Operating Weight (kg)	Mixed Method	Soil Hopper Volume (m <sup>3</sup> ) Processing	Capacity (m <sup>3</sup> /hr)
BZ210-1	107(144)	20500	Soil Cutter & Triple Rotary Hammer	2	40-150

**Special Applications**  
**Minimal Swing Radius Excavators**

Model	Flywheel Horse Power kW(HP)	Operating Weight (kg)	Bucket Capacity (m <sup>3</sup> )
PC58UU-3	29.4(39)	5290	0.055-0.22
PC78UU-8	41(55)	7960	0.09-0.34
PC128US-2	64 (86)	13000	0.18-0.55



**Excavator (Utility)**

Model	Flywheel Horse Power kW(HP)	Operating Weight (kg)	Bucket Capacity (m <sup>3</sup> )
PC09-1	6.2(8.4)	890	0.017-0.025
PC18MR-3	11.2 (15.0)	1780	0.022-0.044
PC27MR-3	19.2 (25.7)	2890	0.035-0.09
PC30MR-3	21.4 (28.6)	3140	0.035-0.11
PC35MR-3	21.4 (28.6)	3575	0.055-0.13
PC45MR-3	28.5 (38.2)	4775	0.055-0.16
PC55MR-3	28.5 (38.2)	5160	0.055-0.16



Larsen & Toubro Limited is a technology, engineering, construction and manufacturing company. L&T is one of India's most respected companies, widely admired for its technological achievements, its professional value systems and high standards of corporate governance.

L&T Construction & Mining Machinery markets and provides after-sales support for:

- ▶ Hydraulic Excavators manufactured by L&T Construction Equipment Limited, a wholly-owned subsidiary of Larsen & Toubro Ltd., under licence from Komatsu, Japan. L&T Construction Equipment Limited, Bangalore Works has ISO 9001 accreditation for design, development, manufacturing, sales and servicing; ISO 14001 certification for Environment Management System and OHSAS 18001 certification for Occupational Health and Safety Management System

- ▶ Wide range of construction and mining equipment from Komatsu. The range includes small, medium and large size Hydraulic Excavators, Motor Graders, Wheel Loaders, Dozers, Dump Trucks and other road building/recycling equipment

- ▶ Wheel Loaders manufactured by L&T Construction Equipment Limited

- ▶ Multi-axle, heavy duty Tipper Trucks manufactured by Scania, Sweden

- ▶ High pressure hydraulic products manufactured by L&T Construction Equipment Limited

Models shown here may include optional equipment/ attachment. Disclosure - Materials and specifications are subject to change without notice.

**HYDRAULIC EQUIPMENT**



Wagon Tippler and (inset) Power Pack for Wagon Clamp & Tippler Drive Hydraulic Drive



Hydraulic Cylinder Blast Hole Drill and (inset) Hydraulic Motor for travel & pull-down drive



Railway Crane and (inset) Hydraulic Winch, Slew and Travel drives for Crane



Water Well Drill and (inset) Hydraulic Pump for Drill Drive, Feed & Auxiliaries



Side Arm Charger and (inset) Power Pack for Side Arm Charger Travel Drive

L&T markets and provides application engineering and after-sales support for a wide range of high-pressure hydraulic products manufactured by L&T Construction Equipment Limited, Bangalore. These include high-torque-low-speed motors, multi-flow pumps, cylinders and turning joints. These products are used in various industrial and mobile applications. Custom-designed hydraulic systems and hydraulic drives are supplied to various applications in material-handling, construction, railways, etc.

**PRODUCT SUPPORT**

**Service Centres**



After-sales product support is provided to the full range of construction, mining and hydraulic equipment supplied by L&T. Service Centres equipped to overhaul and rebuild customers' machines are located at Nagpur, Pune, Bahadurgarh, Durgapur and Kanchipuram. Service engineers based near high machine-population sites provide prompt and efficient after-sales service.

These Service Centres also offer value - added comprehensive solutions such as:

- Full Maintenance Contracts
- Site Support Agreements
- Annual Maintenance Contracts
- Other Customised Services
- Rebuilt Assembly Exchange Programme



**Genuine Parts**



L&T has an excellent spare parts network. The Central Warehouse at Nagpur supports the customers and dealer operations and is backed by Parts Depots operating at strategic locations. Order placement and execution is done on-line through

an ERP software package and network connectivity between L&T's countrywide offices and the central warehouse. L&T engineers are stationed close to machine concentration areas to facilitate prompt service and high machine up-time.

L&T supplies genuine parts of the highest quality, with exact fit and function, as well as facilitate access to trained service personnel with extensive knowledge about the machine. Reliability, operating economy and performance gained from use of genuine parts result in profitability and uptime of machines and also enable longer machine service life.



**Training Facility**

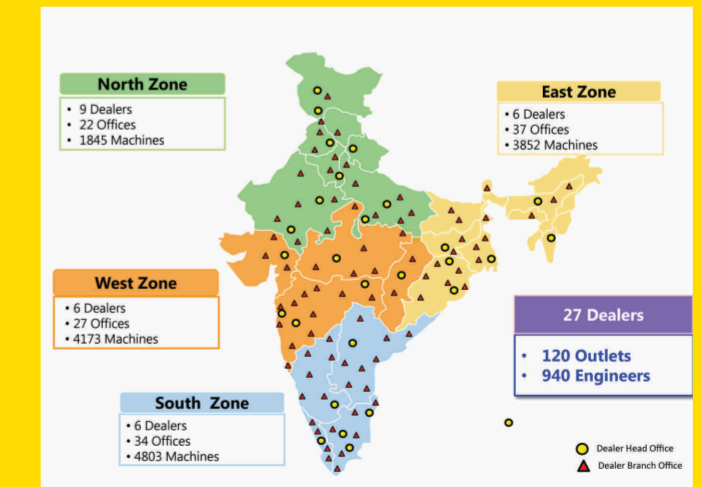
L&T attaches great importance to training. To empower people by making them more knowledgeable, has been the objective and guiding force behind the training efforts at L&T. The Training Centre has been relocated to L&T's new campus in Kanchipuram.

This facility occupies 830 sq.m. with well-designed lecture halls, discussion rooms, simulator labs and e-learning centre. The centre is futuristic in approach and involved in imparting hands-on training to operators, customers and dealers in equipment diagnostics and trouble-shooting. Regional Service Centres supplement the local needs of customers and dealers.



**Dealer Network**

L&T's nationwide network of dealers stocks spares for operation and maintenance of equipment supplied to customers. Service engineers are trained to provide product support and quality service. Dealers have been provided access to L&T's ERP software for facilitating online placement of their orders, entering service reports and viewing various reports.



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