

SHORT BODY LONG BOOM

DCP-35 SL



Short Body with High Mobility

The 14m boom, the longest in class

All 4 sections, hydraulically-retractable

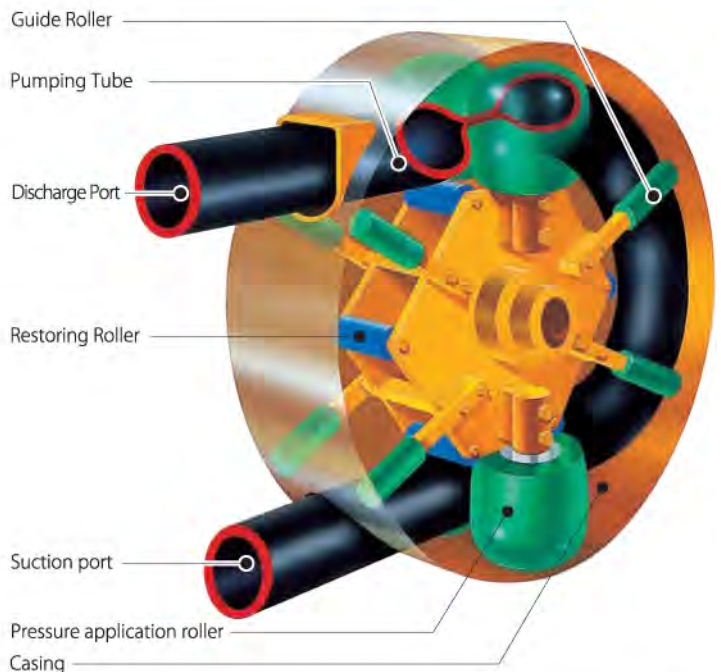
Operation panel with radio control



Mounting 500L water tank

Double Roller Pump

- This epoch-making double roller type makes its pump structure ultimately simple.
- Easy operation to suck or discharge the ready-mixed concrete with no complicated devices.
- Pressure angle becomes wider to decrease the aggregate blocking and can keep the pumping performance stable at high level.



Specifications

Pump	Model	DCP-35SL-B	
	Type	New wroller squeeze type(patented)	
	Maximum discharge rate	35m ³ /h	
	Discharge pressure	1.7MPa	
	Maximum aggregate size	25mm	
	Concrete slump	12cm or more	
	Hopper capacity	200L	
	Pumping tube inner diameter	102mm	
	Oil tank capacity	100L	
	Oil cooler	Air cooled(electrically driven)	
	Boom	Model	CT350A (from TADANO Ltd)
Type		Box type hydraulically-folding 3 sections+ Hydraulically-retractable boom	
Maximum ground height		Approximately 14 meters	
Maximum operation radius		11.2m	
Swivel angle		360° seamless	
Front outriggers		Simultaneous motion ,hydraulic cylinder direct drive(manual protrusion type)	
Rear jacks		Simultaneous motion ,hydraulic cylinder direct drive type with a protrusion spread of 1.7m	
Safety equipment		Hydraulic safety valves and hydraulic cylinder lock devices	
Concrete feed piping		114.3mm outside diameter ×4.5mm thick wall	
Cleaning		Pipe cleaning	Water washing with sponge
	Car body cleaning	Electric water pump	
	Water tank capacity	Approximately 500 L	
Drive	Hydraulic pump	Piston pump+double geared pump	
Applicable chassis	Model	Isuzu NKR-81N	Mitsubishi FE73DCX
	Engine power	96kw	103kw
Dimensions	Vehicle total length	5600mm	5540mm
	Width	1890mm	1890mm
	Height	2710mm	2770mm
	Wheel base	2750mm	2750mm
Vehicle gross weight		6825kg	6865kg

●Please note that the product may differ from the specifications shown above due to a possible improvement.

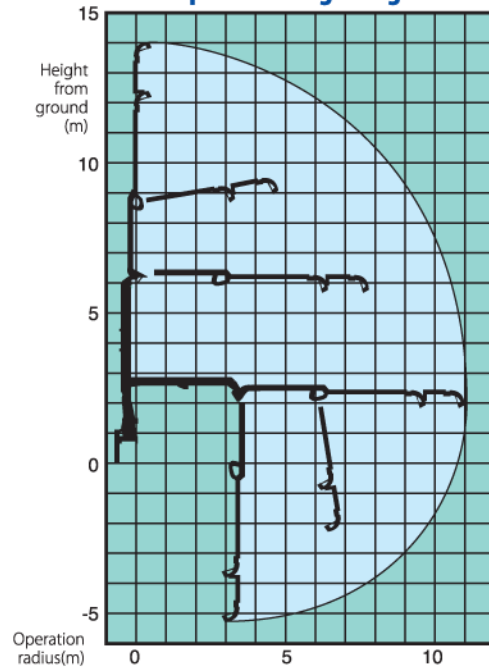
Accessories

Standard accessories	steel tube	Ø105×3m	5
	steel tube	Ø105×2m	1
	intermediate rubber hose	Ø105×3.2m	1
	Tip house	6m with a Ø105 to Ø85taper tube	1
	Quick installation/removal/joint	100G	10
	Sponge	Ø160×150	5
	Pumping tube(spares)	Ø102×2600	1
	Tools		One set
	Grease pump	cartridge type	One set

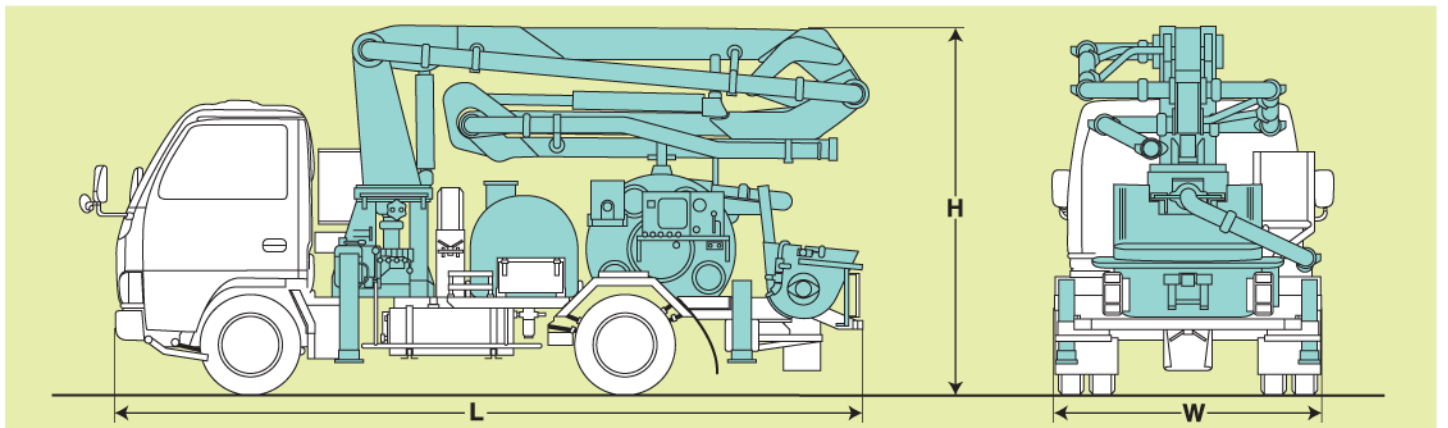
Note-1 The maximum discharge rate refers to the reading obtained when concrete for general construction purposes (cement:300kg/m³ or more/slump:18cm or larger) is fed under pressure at the maximum speed with a 30m,Ø105 pipe set parallel.

Note -2 depending on various conditions (e.g. blending sand and pebble qualities) of the concrete, the pumping performance can drastically vary.

Boom operable range diagram



External dimension views



- Special operation training is required to manipulate concrete pump.
- Specific self-inspection is required once a year.
- The vehicle must be passed the lawful inspection when being used.



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