

WE PROMISE | WE DELIVER

NOBLELIFT
CANADA 

RT15DP

Stand-Up Pantograph Reach Truck
Capacity 1500KG - 3300lbs



Lithium
Battery



Compact
Design



High
Performance



Easy
Maintenance



Low Noise



CSA UL

Productive. Solid. Smart.



RT15DP

The RT15DP Lithium Single & Double Scissor Stand-Up Pantograph Reach Trucks are designed for narrow aisle operation, offering lift heights from 177" to 452" and fork reach distances from 22.4" to 41.7". Featuring high-speed lifting and lowering, these reach trucks are powered by a lithium battery for multi-shift operation. With exceptional maneuverability and impressive high-reach capabilities, they are the perfect solution for demanding applications requiring efficient material handling in tight spaces and at elevated heights.

Highlights

- ✓ American Curtis Intelligent Computer Control system
- ✓ 36V fully electric AC system
- ✓ Lithium battery: 36V/560Ah & Charger: 36V/200A
- ✓ Large LED display showing lifting weight, height, speed, power, steering, fault codes, alarms, and more
- ✓ Fast charging in just 2.5 hours
- ✓ On-board Curtis self-diagnostics system
- ✓ Fork tilt leveling for smooth operation
- ✓ Side shifter for easy load positioning
- ✓ Travel speed: 5.9mph (unloaded), 5.6mph (loaded)
- ✓ Automatic speed reduction during turns for enhanced safety
- ✓ Cold store package





Exceptional Design, Unmatched Performance

Automatic speed reduction during turns enhances safety, stability, and operator comfort while minimizing the risk of product damage.



Enhanced Maneuverability and Precision Control

Dual independent AC drive motors with separate controllers enhance maneuverability for smooth and precise turning. Advanced AC drive and gearbox technology ensure accurate control and optimal travel speed.





A single-button tilt control system enhances safety by restricting cargo tilt when the forks are raised.



The multi-functional handle provides precise control over key vehicle functions, including forward and backward travel speed, side shifting, and proportional lifting and lowering.



The compact, ergonomic steering wheel with a knob ensures comfortable and effortless operation.



The floor suspension system adjusts to the operator's weight, reducing impact and vibration for a smoother ride.



The adjustable backrest and hip pad are designed to contour the body, providing optimal comfort for the operator throughout the entire shift.



The adjustable armrest ensures maximum comfort for operators of all heights.



Innovative Design, Superior Performance

- ✓ The scissor structure ensures smooth extension while reducing vibration and sway.
- ✓ Seamless movement transitions are achieved through balanced shear force, providing powerful torque. At a maximum height of 452", it effortlessly lifts up to 1,200 lbs.
- ✓ The compact folding design minimizes the truck's footprint, optimizing space efficiency.
- ✓ A cushioned end-of-retraction system reduces impact and enhances stability.

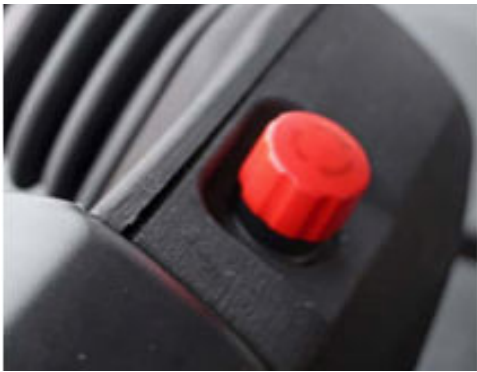


- ✓ The cab design, open-view mast, and overhead guard provide the operator with a clear line of sight to the load and surroundings, enhancing efficiency and safety.



- ✓ RT15/20SP (Single Reach)
Fork reaching distance- 22.4"
- ✓ RT15DP (Double Reach)
Fork reaching distance 41.7"
- ✓ The wireless mast-mounted fork view camera with HDMI color monitor offers an unobstructed view of the pallet and racking, boosting productivity and enhancing safety.

Trustworthy Performance and Safety



The emergency power button instantly disconnects power in critical situations, ensuring the safety of both the operator and the cargo.



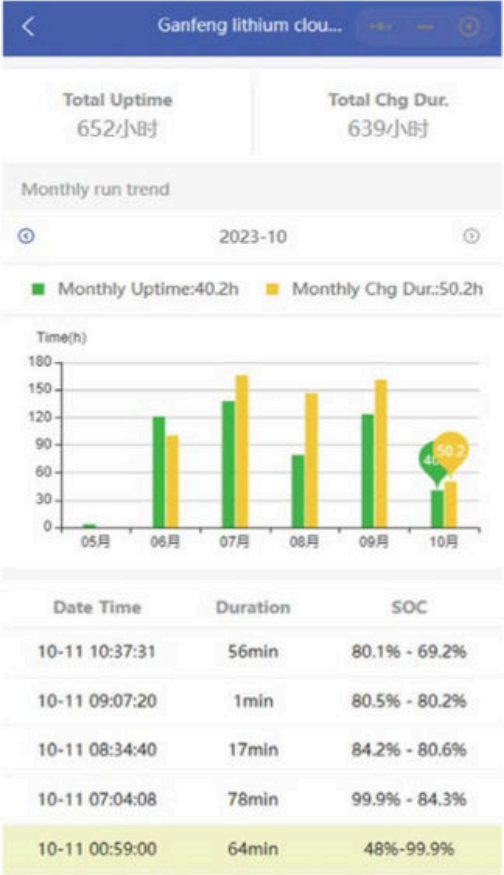
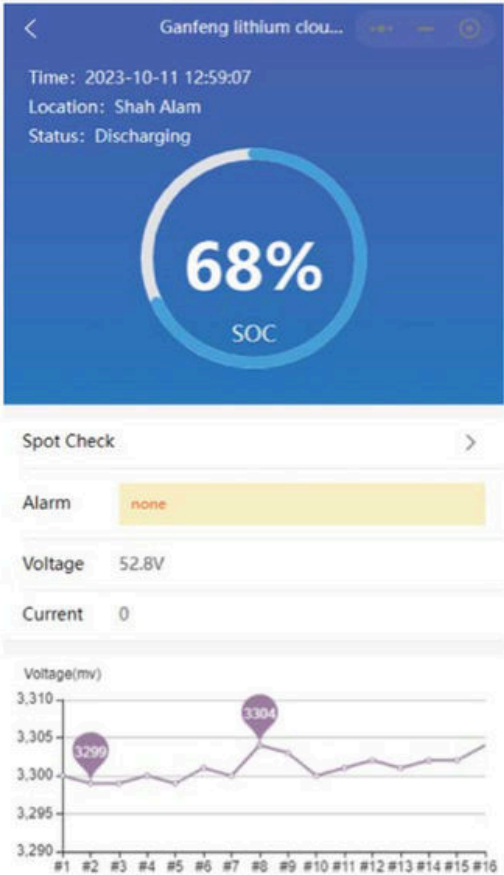
Features LED headlights, a safety blue light, and a buzzer to ensure safe operation while driving.



The dual-brake/presence pedal system enhances safety by preventing the forklift from moving unless both pedals are pressed.

Lithium Smart Cloud Platform

- ✔ The wireless 4G advanced battery monitoring system enables remote tracking of battery performance and system data.
- ✔ The Smart Cloud platform continuously monitors the battery's operational status, ensuring the safety of both personnel and equipment.





CAN-bus



- ✓ The large LED screen provides easy access to vital information, displaying lifting weight, height, speed, power, steering, fault codes, alarms, and more.



- ✓ Large capacity battery for multiple shift operation. Side extraction reduces maintenance time.



- ✓ A low step height and a wide entry is ideal for operators who are frequently getting on and off the forklift.



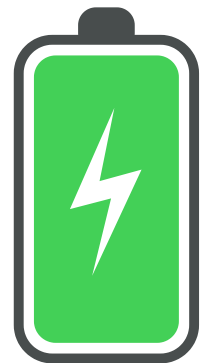
- ✓ USB connector for charging and powering of additional devices during operations.

Advantages of Lithium-ion Power

Effortless Charging for Continuous Operation

The fast-charging, maintenance-free lithium battery reaches a full charge in just 2.5 hours. It supports opportunity charging during breaks and shift changes, enabling the truck to operate seamlessly through multi-shift schedules without the need for battery replacements.

- ✓ 36V/560Ah Lithium-iron battery has connection terminals with screws and is protected inside the steel case.
- ✓ 36V/200A Charger included standard.



Designed for Operator Comfort and Control

Noblelift utilizes lithium-ion phosphate batteries, known for their exceptional longevity and safety. These lithium-iron batteries feature a Battery Management System (BMS), a thermal management system, and an automotive-grade DC high-voltage control system.

*RT15DP Stand-Up Reach Trucks have a **10-year** or **20,000 hours warranty** on the lithium-ion battery cells.*



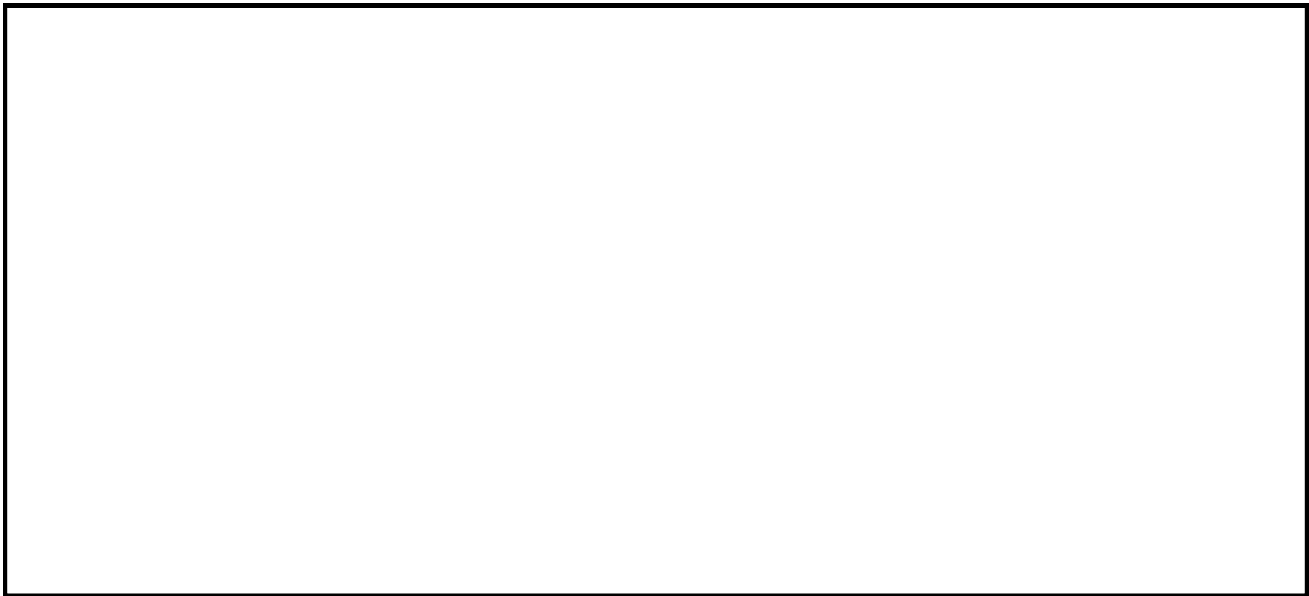
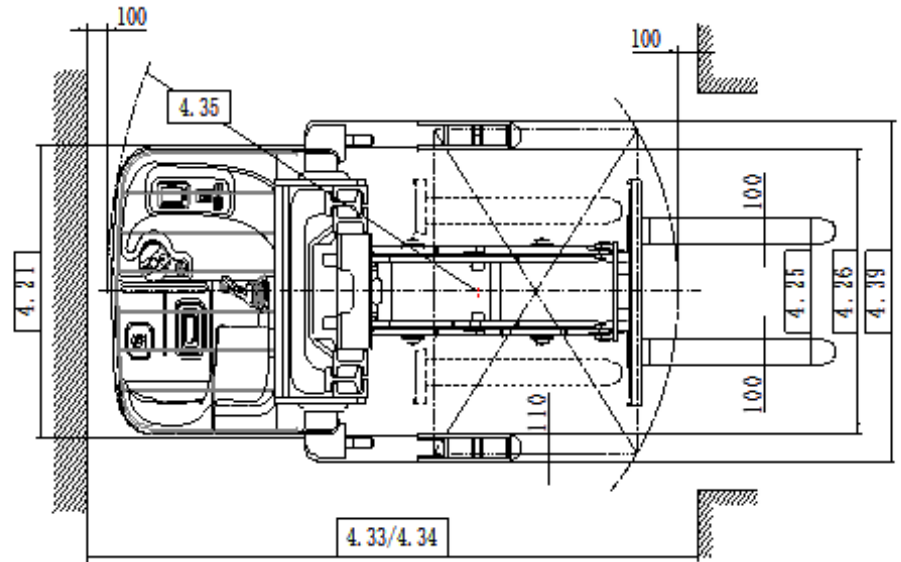
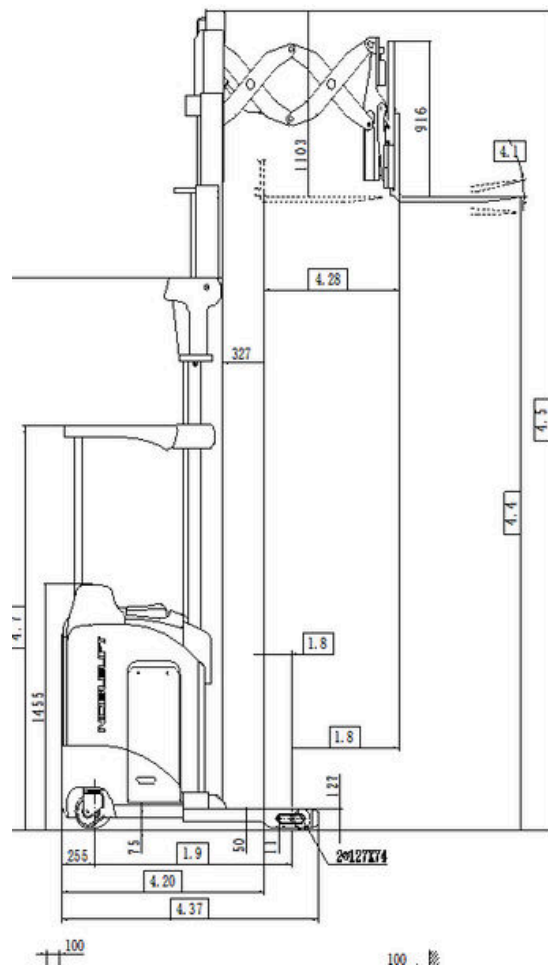
Identification						
1.1	Manufacturer				NOBLELIFT	
1.2	Model				RT15DP	
1.3	Prime Mover				electric	
1.4	Operator type				stand	
1.5	Load capacity		1.5	kg / lb	1500	3300
1.6	Load centre		1.6	mm / in	600	24
1.8	Load distance		1.8	mm / in	See Table 2	
1.9	Wheelbase		1.9	mm / in	See Table 2	
2.1	Weight	less battery		kg / lb	See Table 1	
Tires						
3.1	Tire Type	load, castor, drive			Poly	
3.2	Tires	power unit side, drive		mm / in	Ø343x140	Ø13.5x5.5
3.3	Tires	load side, standard wheel		mm / in	Ø127x74	Ø5x2.9
3.4	Castor Wheel	size		mm / in	Ø205x101	Ø8x4
3.5	Wheels, (x=driven wheels)	number power unit side/load side			1x, 4 / 1	1x, 4 / 1
3.6	Tread width	power unit side	3.6	mm / in	800	31.5
Basic Dimensions						
4.1	Tilt: Forkcarriage	forward/backward	angle	deg	3/4	
4.20	Mast Lowered Height	collapsed height	4.2	mm / in	See Table 1	
4.3	Free lift		4.3	mm / in	See Table 1	
4.4	Lift height		4.4	mm / in	See Table 1	
4.5	Extended mast height		4.5	mm / in	See Table 1	
4.7	Overhead Guard Height	overhead guard (cabin)	4.7	mm / in	See Table 1	
4.1	Outrigger Height	std. wheel / Ø 102 / Ø 127 / Ø 152	4.1	mm / in	125	4.9
4.2	Headlength		4.2	mm / in	See Table 2	
4.21	Width Overall	power unit side	4.21	mm / in	1080	42.5
4.22	Fork Dimensions	standard / optional lengths	thxwxl	mm / in	40x100x1070	1.5X4X42
4.23	Fork Carriage	DIN 15173 class/form A, B			2A	
4.24	Fork Carriage Width	incl. load backrest	4.24	mm / in	820	32.3
4.25	Width Across Forks	with sideshifter / w.o. sideshifter	4.25	mm / in	200-760	7.9-29.9
4.26	Inside Straddle	in 25 mm increments	4.26	mm / in	See Table 1	
4.28	Reach	with sideshifter / w.o. sideshifter	4.28	mm / in	1060	41.7
4.32	Ground Clearance	centre wheelbase	4.32	mm / in	50	2
4.33	Working Aisle Width	1000 x 1200 traverse	Ast	mm / in	See Table 2	
4.34	Working Aisle Width	800 x 1200 length	Ast	mm / in	See Table 2	
4.35	Turning Radius		Wa	mm / in	See Table 2	
4.37	Length over Outriggers		4.37	mm / in	See Table 2	
4.38	Length Overall		4.38	mm / in	See Table 2	
4.39	Width outrigger		4.39	mm / in	See Table 1	
Performance Data						
5.1	Travel speed - standard			km/h/mph	9/9.5	5.6/5.9
5.2	Lift Speed	w./w.o. load		m/s /fps	0.35/0.5	1.15/1.64
5.3	Lower Speed	w./w.o. load		m/s /fps	0.50/0.50	1.64/1.64
5.4	Reach Speed	w./w.o. load		m/s /fps	0.15/0.15	0.49/0.49
5.8	Max. Gradeability	w. load		%	5	
5.1	Brakes	service - applied / released & parking			Electric	
Motors						
6.1	Traction Motor	(60 min. rating)		kW	5.5	
6.2	Lift Motors	(15% on time)		kW	11	
6.3	Max. Battery Size	DIN 43531/35/36 A, B, C, no	lxwxh	mm / in	See Table 2	
6.4	Lead-acid Battery Voltage	nominal capacity 5h		V/Ah	See Table 2	
6.5	Lithium Battery Voltage	nominal capacity 2h		V/Ah	See Table 2	
6.6	Battery weight	minimum		kg / lb	See Table 2	
8.1	Type of Controller				AC	

Table 1 - RT15DP Series Specifications																			
	Type			DP4500		DP4920		DP5330		DP6100		DP6400		DP6500		DP6855		DP7500	
2.1	RT15DP	B	kg / lb	3994	8805	4050	8929	4070	8973	4190	9237	4220	9304	4240	9348	n/a	n/a	n/a	n/a
		C		4114	9070	4170	9193	4190	9237	4310	9502	4340	9568	4360	9612	4405	9711	4480	9877
		D		4249	9367	4305	9491	4325	9535	4445	9800	4475	9866	4495	9910	4540	10009	4615	10174
		E		4374	9643	4430	9766	4450	9811	4570	10075	4600	10141	4620	10185	4665	10285	4740	10450
4.2	Mast Lowered Height	4.2	mm / in	2260	89	2415	95.1	2465	97	2780	109.4	2880	113.4	2940	115.7	3075	121.1	3274	128.9
4.26	Inside Straddle	4.26	mm / in	1045	41.1	1045	41.1	1045	41.1	1045	41.1	1045	41.1	1045	41.1	1045	41.1	1045	41.1
4.26	Inside Straddle (Narrow)	4.26	mm / in	830	32.7	830	32.7	830	32.7	830	32.7	830	32.7	830	32.7	830	32.7	830	32.7
4.3	Free Lift	4.3	mm / in	1340	52.8	1495	58.9	1545	60.8	1860	73.2	1960	77.2	2020	79.5	2155	84.8	2354	92.7
4.39	Width outrigger	4.39	mm / in	1295	51	1295	51	1295	51	1295	51	1295	51	1295	51	1295	51	1295	51
4.39	Width outrigger (Narrow)	4.39	mm / in	1080	42.5	1080	42.5	1080	42.5	1080	42.5	1080	42.5	1080	42.5	1080	42.5	1080	42.5
4.4	Lift Height	4.4	mm / in	4500	177.2	4920	193.7	5330	209.8	6100	240.2	6400	252	6500	255.9	6855	269.9	7500	295.3
4.5	Mast	4.5	mm / in	5587	220	6007	236.5	6417	252.6	7187	283	7487	294.8	7587	298.7	7942	312.7	8587	338.1
4.7	Height	4.7	mm / in	2260	89	2415	95.1	2415	95.1	2415	95.1	2415	95.1	2415	95.1	2415	95.1	2415	95.1

Continuation														
				DP8500		DP9500		DP10500		DP11000		DP11500		
2.1	RT15DP	B	kg / lb	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
		C		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
		D		4735	10439	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
		E		4860	10714	4980	10979	5100	11244	5300	11684	5360	11817	
4.2	Mast Lowered Height	4.2	mm / in	3606	142	3940	155.1	4274	168.3	4720	185.8	4887	192.4	
4.26	Inside Straddle	4.26	mm / in	1045	41.1	1045	41.1	1045	41.1	1205	47.4	1205	47.4	
4.26	Inside Straddle (Narrow)	4.26	mm / in	830	32.7	830	32.7	830	32.7	/	/	/	/	
4.3	Free Lift	4.3	mm / in	2686	105.7	3020	118.9	3354	132	3800	149.6	3967	156.2	
4.39	Width outrigger	4.39	mm / in	1295	51	1295	51	1295	51	1455	57.3	1455	57.3	
4.39	Width outrigger (Narrow)	4.39	mm / in	1080	42.5	1080	42.5	1080	42.5	/	/	/	/	
4.4	Lift Height	4.4	mm / in	8500	334.6	9500	374	10500	413.4	11000	433.1	11500	452.8	
4.5	Mast	4.5	mm / in	9587	377.4	10587	416.8	11587	456.2	12087	475.9	12587	495.6	
4.7	Height	4.7	mm / in	2415	95.1	2415	95.1	2415	95.1	2415	95.1	2415	95.1	

Table 2 - RT15DP Series Specifications											
	Type			B		C		D		E	
1.8	Load Distance	1.8	mm / in	213/847	8.4/33.3	213/847	8.4/33.3	213/847	8.4/33.3	213/847	8.4/33.3
1.9	Wheel Base	1.9	mm / in	1550	61	1550	61	1600	63	1650	65
4.20	Headlength	4.2	mm / in	1590	62.6	1590	62.6	1640	64.6	1690	66.5
4.33	Working Aisle W.1000x1200 traverse	4.33	mm / in	3015	118.7	3015	118.7	3065	120.7	3115	122.6
4.34	Working Aisle W.800x1200 length	4.34	mm / in	3090	121.7	3090	121.7	3140	123.6	3190	125.6
4.35	Turning Radius	4.35	mm / in	1825	71.9	1825	71.9	1875	73.8	1925	75.8
4.37	Length over Outriggers	4.37	mm / in	1985	78.1	1985	78.1	2035	80.1	2085	82.1
4.38	Length Overall	4.38	mm / in	2660	104.7	2660	104.7	2710	106.7	2760	108.7
6.3	Max. Battery Size	lxwxh	mm / in	360x980x785 14.2x38.6x30.9	410x980x785 16.1x38.6x30.9	457x980x785 18x38.6x30.9	500x980x785 19.7x38.6x30.9				
6.4	Lead-acid Battery Voltage		V/Ah	36V/600AH 36V/600AH	36V/700AH 36V/700AH	36V/800AH 36V/800AH	36V/900AH 36V/900AH				
6.5	Lithium Battery Voltage		V/Ah	36V/560AH 36V/560AH	36V/560AH 36V/560AH	36V/560AH 36V/560AH	36V/560AH 36V/560AH				
6.6	Battery Weight		kg / lb	780 1720	900 1984	1025 2260	1140 2513				

Table 3 - RT15DP Series Specifications										
	DP4500/177.2	DP4920/193.7	DP5330/209.8	DP6100/240.2	DP6400/252	DP6500/255.9	DP6855/269.9	DP7500/295.3	DP8500/334.6	DP9500/374
B	RT15DP4500B	RT15DP4920B	RT15DP5330B	RT15DP6100B	RT15DP6400B	RT15DP6500B	n/a	n/a	n/a	n/a
C	RT15DP4500C	RT15DP4920C	RT15DP5330C	RT15DP6100C	RT15DP6400C	RT15DP6500C	RT15DP6855C	RT15DP7500C	n/a	n/a
D	RT15DP4500D	RT15DP4920D	RT15DP5330D	RT15DP6100D	RT15DP6400D	RT15DP6500D	RT15DP6855D	RT15DP7500D	RT15DP8500D	n/a
E	RT15DP4500E	RT15DP4920E	RT15DP5330E	RT15DP6100E	RT15DP6400E	RT15DP6500E	RT15DP6855E	RT15DP7500E	RT15DP8500E	RT15DP9500E
	DP10500/413.4	DP11000/433.1	DP11500/452.8							
B	n/a	n/a	n/a							
C	n/a	n/a	n/a							
D	n/a	n/a	n/a							
E	RT15DP10500E	RT15DP11000E	RT15DP11500E							



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