Commercial Door Operator Comparison Chart

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Series	(NEW!) MAXUM DC Next Generation Operators			Medium Duty Operators					Light Duty Operators				Medium Speed Operator (Sold exclusively as a system through Clopay)
Model Number/Description	**Jackshaft JDC**	**Hoist JHDC**	**Trolley TDC**	**MGJ Gearhead Jackshaft Operator**	**MJ Jackshaft Operator**	**MH Hoist Operator**	**MHS Hoist Operator (slow speed)**	**MT Trolley Operator**	**ATSW Trolley Operator**	**DDO8900W Light Duty Dock Door Operator**	**LJ8900W Jackshaft Operator for Sectional Doors**	**LJ8950W Jackshaft Operator for Rolling Steel Doors**	**High Performance Hoist HPH1**
Power	120Vac 1 PH/240Vac 1/3PH; 480Vac 3PH; 208Vac 3PH (via transformer); 600Vac 3PH (via transformer)	120Vac 1 PH/240Vac 1/3PH; 480Vac 3PH; 208Vac 3PH (via transformer); 600Vac 3PH (via transformer)	120Vac 1 PH/240Vac 1/3PH; 480Vac 3PH; 208Vac 3PH (via transformer); 600Vac 3PH (via transformer)	120Vac 1PH	120Vac 1PH	120Vac 1PH	120Vac 1PH	120Vac 1PH	120Vac 1PH	120Vac 1PH	120Vac 1PH	120Vac 1PH	120/240Vac 1PH & 240Vac 3PH
Wall Controller	Floor Level Wall Controller with LCD Display	Floor Level Wall Controller with LCD Display	Floor Level Wall Controller with LCD Display	3-Button Control Station	3-Button Control Station	3-Button Control Station	3-Button Control Station	3-Button Control Station	1-Button Control	3-Button Control Station	1-Button Control	1-Button Control	Floor Level Wall Controller for commissioning, programming & troubleshooting
Duty-Cycle Per Hour p/h Per Day p/d	Standard - 20 cycles p/h / 90 p/d Extended - 30 cycles p/h / 150 p/d	Standard - 20 cycles p/h / 90 p/d Extended - 30 cycles p/h /150 p/d	Standard - 20 cycles p/h /90 p/d Extended - 30 cycles p/h /150 p/d	12 p/h, up to 50 cycles p/d	12 p/h, up to 50 cycles p/d	12 p/h, up to 50 cycles p/d	12 p/h, up to 50 cycles p/d	12 p/h, up to 50 cycles p/d	8 p/h, up to 25 cycles p/d	10 p/h, up to 25 cycles p/d	10 p/h, up to 25 cycles p/d	10 p/h, up to 25 cycles p/d	600 cycles p/d. 100 cycles p/h during peak times
DC Motor with soft start/soft stop	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	VFD - Yes
Battery Backup	Battery Backup Standard, includes (2) 4.5AH batteries	Battery Backup Capable w/Accessory Kit: DC7AH (2) 7Ah batteries	Battery Backup Capable w/Accessory Kit: DC7AH (2) 7Ah batteries	No	No	No	No	No	No	Battery Backup Capable	Battery Backup Capable	Battery Backup Capable	No
Diagnostics	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Speed "/per second	Up to 12" on Sectional Doors and 8-9" on Rolling Steel	Up to 12" on Sectional Doors and 8-9" on Rolling Steel	Up to 12" on Sectional Doors	6-9"	6-9"	6-9"	4-6"	8-10"	6-8"	Up to 12"	6-8"	6-8"	Up to 24" while opening Up to 16" while closing
Wi-Fi®	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Dual handing for left or right side installs	Yes	Yes	N/A	No	Yes	No	No	N/A	N/A	Yes	Yes	Yes	Yes
myQ® myQ Facility	Setup available for either myQ or myQ Facility	Setup available for either myQ or myQ Facility	Setup available for either myQ or myQ Facility	No	No	No	No	No	Yes	Setup available for either myQ or myQ Facility	Setup available for either myQ or myQ Facility	Setup available for either myQ or myQ Facility	myQ Facility setup available
Security+ 2.0®	Yes	Yes	Yes	No. Security+ only	No. Security+ only	No. Security+ only	No. Security+ only	No. Security+ only	Yes	Yes	Yes	Yes	Yes
Monitored Entrapment Protection Device Included	CPS-U* standard in operator box	CPS-U* standard in operator box	CPS-U* standard in operator box	CPS-U standard in operator box	CPS-U standard in operator box	CPS-U standard in operator box	CPS-U standard in operator box	CPS-U standard in operator box	041A373ATS	041-0136	041-0136	041-0136	LC36M41 (in separate packaging)
Monitored Entrapment Protection Inputs	3 inputs for Monitored Eyes/ Edges/Light Curtains	3 inputs for Monitored Eyes/ Edges/Light Curtains	3 inputs for Monitored Eyes/ Edges/Light Curtains	1 input	1 input	1 input	1 input	1 input	1 input	1 input	1 input	1 input	3 inputs for Monitored Eyes/Edges/ Light Curtains
Cable Tension Monitor	Input on board to add (2) but not required	Input on board to add (2) but not required	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1 required	1 required	N/A	Input on board to add (2) - required
Limit System	Electronic Limits	Electronic Limits	Electronic Limits	Mechanical/Rotary	Mechanical/Rotary	Mechanical/Rotary	Mechanical/Rotary	Mechanical /Rotary	Electronic Limits	Electronic Limits	Electronic Limits	Electronic Limits	Electronic Limits
Programmable Inputs	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes
Expansion Cards for added functionality	Auxiliary Relay Card, Loop Detector Card Accessory Kits	Auxiliary Relay card, Loop Detector Card Accessory Kits	Auxiliary Relay card, Loop Detector Card Accessory Kits	No	No	No	No	No	No	No	No	No	Auxiliary Relay Card (Standard)
Max door height/weight/ or square footage	Sectional doors up to 700 lbs. Rolling steel doors up to 450 lbs. Rolling steel insulated doors up to 450 lbs.	Sectional and rolling steel doors up to 2200 lbs.	Sectional doors up to 2200 lbs.	320 sq./ft.	320 sq./ft.	320 sq./ft.	320 sq./ft.	310 sq./ft.	14' and 650 lbs.	14' and 300 lbs.	14' and 650 lbs.	12' and 650 lbs.	14' and 1025 lbs.
Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	1 Year	2 years	2 Years	2 Years	2 years
Part Numbers	JDC7S1BMC, JDC7S4BMC	JHDC7S1BMC, JHDC7S4BMC JHDC12S1BMC, JHDC12S4BMC JHDC12X1BMC. JHDC12X4BMC JHDC22X1BMC, JHDC22X4BMC	TDC7S1BMC, TDC7S4BMC TDC12S1BMC, TDC12S4BMC TDC12X1BMC,TDC12X4BMC TDC22X1BMC, TDC22X4BMC	MGJ5011UR, MGJ5011UL	MJ5011U	MH5011UR, MH5011UL	MHS5011UR, MHS5011UL	MT5011U	ATSWTMC	DDO8900WMC	LJ8900WMC	LJ8950WMC	HPH1MC
Environmental NEMA4X Part Numbers		JHDC12X1N4XMC JHDC12X4N4XMC JHDC22X1N4XMC JHDC22X4N4XMC	TDC12X1N4XMC TDC12X4N4XMC TDC22X1N4XMC TDC22X4N4XMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: New DC Next Generation Operators will now be sold without the Door Sprocket. Door Sprockets will be available to order.
*NOTE: New DC Next Generation Operators will now include the CPS-U as the standard photoeye, except environmental part numbers standard eye is CPS-UN4.
If you require an additional safety entrapment protection device, they are sold separately.
Battery Back-up capable accessory kits: DC7AH (2) 7Ah batteries and mounting.

NOTE: DC Next Generation Part # decoder.
JDC - Jackshaft, JHDC - Hoist, TDC - Trolley.
7 - doors up to 700 lbs., 12 - doors up to 1200 lbs., 22 - doors up to 2200 lbs.
S - Standard Duty, X-Extended Duty.
1 - 120/240V single and 3 phase, 4 - 480V 3 phase.
B - Battery Backup Capable (except on JDC Battry Backup is Standard).
NX4 - NEMA 4X.

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