



Technical Data: Flex^ePort 90 Medium-Duty Boom

		Net carrying Capacity Single Arm	
SINGLE EXTENSION ARM:		Including iBox 20 Equipment Manager	Including iBox 20 Equipment Manager + 4 Shelves
Product Specifications	Single Arm		
Weights			
Interface plate Single / Dual	15.5 kg / 32.7 kg (34.2 lbs / 72.1 lbs)		
Flange plate	10 kg (22 lbs)		
Motor arm 1000 mm (39") (with flange)	50 kg (110 lbs)		
Drop tube weight per meter / foot	13.5 kg per meter (9 lbs/ft.)		
Extension and motor arm			
Motor arm length	1000 mm (39")		
Lifting height	690 mm (27.2")		
Rotation angle motor arm	Max. 320°		
Max. Load			
motor arm 1000 mm (39")	90 kg (198 lbs)	65 kg (143 lbs)	52 kg (114 lbs)
Material of extension arm	Steel		
Opening for routing lines	64 cm ² cross-section		
Stopper	dampened		
Safety			
Certificates	VDE, UL, CE, CSA		
Power supply			
Power supply voltage / frequency	120 V 60 Hz		
Operation			
Initiating force	< 30 N		
Stop adjustment	Stop adjustable up to 320° in increments of 30° (dampened stops)		
Color			
	Power-coated surface RAL 9010		
Brakes			
Service head rotation	Friction brake		
Motor arm rotation	Pneumatic brake		



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		Net carrying Capacity Single Arm	
DUAL EXTENSION ARMS:			
Product Specifications	Dual Arm	Including iBox 20 Equipment Manager	Including iBox 20 Equipment Manager + 4 Shelves
Weights			
Interface plate Dual	32.7 kg (72.1 lbs)		
Extension arm 600/800/1000/1200 mm	18.5 kg / 23 kg / 27.5 kg / 32 kg (40.8 lbs/ 50.7 lbs/ 60.6 lbs/ 70.6 lbs)		
Flange plate	10 kg (22 lbs)		
Motor arm 1000 mm (with flange)	50 kg (110 lbs)		
Drop tube weight per meter (lbs/ft.)	13.5 kg per meter (9 lbs per foot)		
Extension and motor arm			
Extension arm length	600mm/800mm/1000mm/1200 mm (24" / 32" / 39" / 47")		
Motor arm length	1000 mm (39")		
Lifting height	690 mm (27.2")		
Rotation extension / motor arm	Max. 340° / 320°		
Max. Load extension/motor arm 600/1000mm (24" / 39")	90 kg (198 lbs)	65 kg (143 lbs)	52 kg (114 lbs)
Max. Load extension/motor arm 800/1000mm (32" / 39")	90 kg (198 lbs)	65 kg (143 lbs)	52 kg (114 lbs)
Max. Load extension/motor arm 600/1000mm (24" / 39")	75 kg (165 lbs)	50kg (110 lbs)	37 kg (81 lbs)
Max. Load extension/motor arm 1200/1000mm (47" / 39")	65 kg (143 lbs)	40 kg (88 lbs)	27 kg (60 lbs)
Material of extension arm	Steel		
Opening for routing lines	64 cm ² (10 in²) cross-section		
Stopper	dampened		
Safety			
Certificates	VDE, UL, CE, CSA		
Power supply			
Power supply voltage / frequency	120 V 60 Hz		
Operation			
Initiating force	< 50 N		
Stop adjustment	Continuously adjustable stops throughout a range of 340° (dampened stops)		



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DUAL EXTENSION ARMS:

Product Specifications

	Dual Arm	Net carrying Capacity Dual Arm	
		Including iBox 20 Equipment Manager	Including iBox 20 Equipment Manager + 4 Shelves
Color	Power-coated surface RAL 9010		
Brakes			
Equipment manager rotation	Friction brake		
Extension arm rotation	Pneumatic brake		
Motor arm rotation	Pneumatic brake		

EQUIPMENT MANAGER SELECTION:

Equipment Manager	Layers	Service Positions (gases / electrics / data combined)	With Optional 20" Backbone	With Optional 40" Backbone
iBox 10	1	12	15	19
iBox 20	2	24	27	31
iBox 30	3	36	39	43
Shelving Capacity	-	-	2	4

