



## Technical Data: Flex<sup>e</sup>Port 400 Medium-Duty Boom

SINGLE EXTENSION ARM: Product Specifications	Single Arm	Net carrying Capacity Single Arm	
		Including iBox 20 Equipment Manager	Including iBox 20 Equipment Manager + 4 Shelves
<b>Weights</b>			
Interface plate	55 kg		
Extension arm 600/800/1000/1200 mm	37 kg / 40 kg / 44 kg / 47/kg		
Drop tube weight per meter	12 kg per meter		
<b>Extension Arm</b>			
Extension arm length	600/800/1000/1200 mm		
Rotation angle	max. 340°		
Max. Load 600 mm	580 kg	547 kg	534 kg
Max. Load 800 mm	420 kg	387 kg	374 kg
Max. Load 1000 mm	320 kg	287 kg	274 kg
Max. Load 1200 mm	260 kg	227 kg	214 kg
Material of extension arm	powder-coated cast aluminum		
Throat capacity	64 cm <sup>2</sup> cross section		
Stop	Dampened		
<b>Safety</b>			
Test symbol	VDE, UL, CE, CSA		
Stress toward apparent yielding point	4-fold towards yield strength in accordance with DIN EN 60601		
<b>Equipment Manager</b>			
Material	Aluminum 6061-T6		
Yield strength	40,000 psi		
<b>Brakes</b>			
Flange and adapter bearing	Electro-pneumatic brake with EDGS (Emergency Drive Gas Shut-off)		



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<b>DUAL EXTENSION ARMS:</b>		<b>Net carrying Capacity Dual Arm</b>	
		<b>Including iBox 20 Equipment Manager</b>	<b>Including iBox 20 Equipment Manager + 4 Shelves</b>
<b>Product Specifications</b>	<b>Dual Extension Arm</b>		
<b>Weight</b>			
Interface plate	55 kg		
Extension arm 600/800/1000/1200 mm	37 kg / 40 kg / 44 kg / 47/kg		
Adapter bearing (dual arm only)	8.3 kg		
Drop tube weight per meter	12 kg per meter		
<b>Extension Arm</b>			
Extension arm length	600/800/1000/1200 mm		
Rotational angle	max 340°		
Maximum load 600/600 mm	265 kg	232 kg	219 kg
Maximum load 600/800 mm	220 kg	187 kg	174 kg
Maximum load 800/800 mm	180 kg	147 kg	134 kg
Maximum load 800/1000 mm	150 kg	117 kg	104 kg
Maximum load 1000/1000 mm	130 kg	97 kg	84 kg
Maximum load 1200/1000 mm	110 kg	77 kg	64 kg
Maximum load 1200/1200 mm	90 kg	57 kg	44 kg
Material of extension arm	powder-coated cast aluminum		
Throat capacity	64 cm <sup>2</sup> cross section		
Stop	dampened		
<b>Safety</b>			
Test symbol			
Stress toward apparent yielding point			
<b>Equipment manager</b>			
Material	Aluminum 6061-T6		
Yield strength	40,000 psi		

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### DUAL EXTENSION ARMS:

#### Product Specifications

#### Dual Arm

##### Brakes

Flange and adapter bearing (adapter bearing only on dual arm)	Electro-pneumatic brake with EDGS (Emergency Drive Gas Shut-off)
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### EQUIPMENT MANAGER SELECTION:

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

