

Articulated Boom Aerial Platform

# HF

Series



HF-070  
HF-090  
HF-120

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Articulated Boom Aerial Platform

Best Combination for Aerial Access Requirements on the Job Site

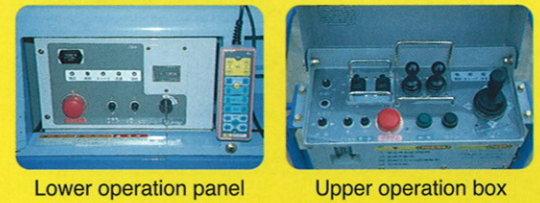
3 types  
which can be chosen  
according to a use.



**SAFETY & ECONOMY**



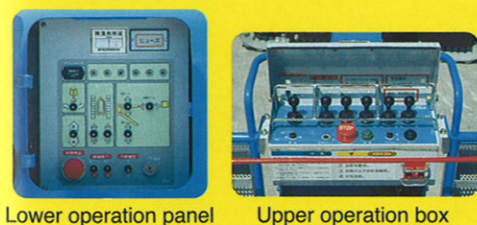
Max. work floor height  
**12.06m**



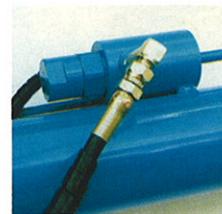
Lower operation panel Upper operation box



Max. work floor height  
**9.10m**



Lower operation panel Upper operation box



**Safety Valves**  
Check valves fitted for safety, to prevent falling down when hose broken.



**Basket**  
Basket auto.leveling device. And easy access to the object with basket swing left side : 90° & right side : 45° (It faces to a operation box)



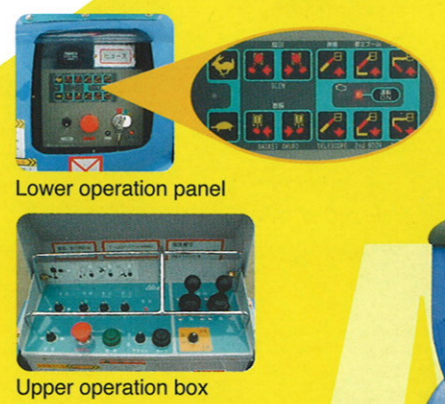
**Touch Sensor**  
Touch switch for emergency engine stop on the basket is fitted as standard. (Domestic specs)



**White Compound Rubber Tracks**  
It won't make any tracks on a paved concrete Floor.



Max. work floor height  
**6.80m**



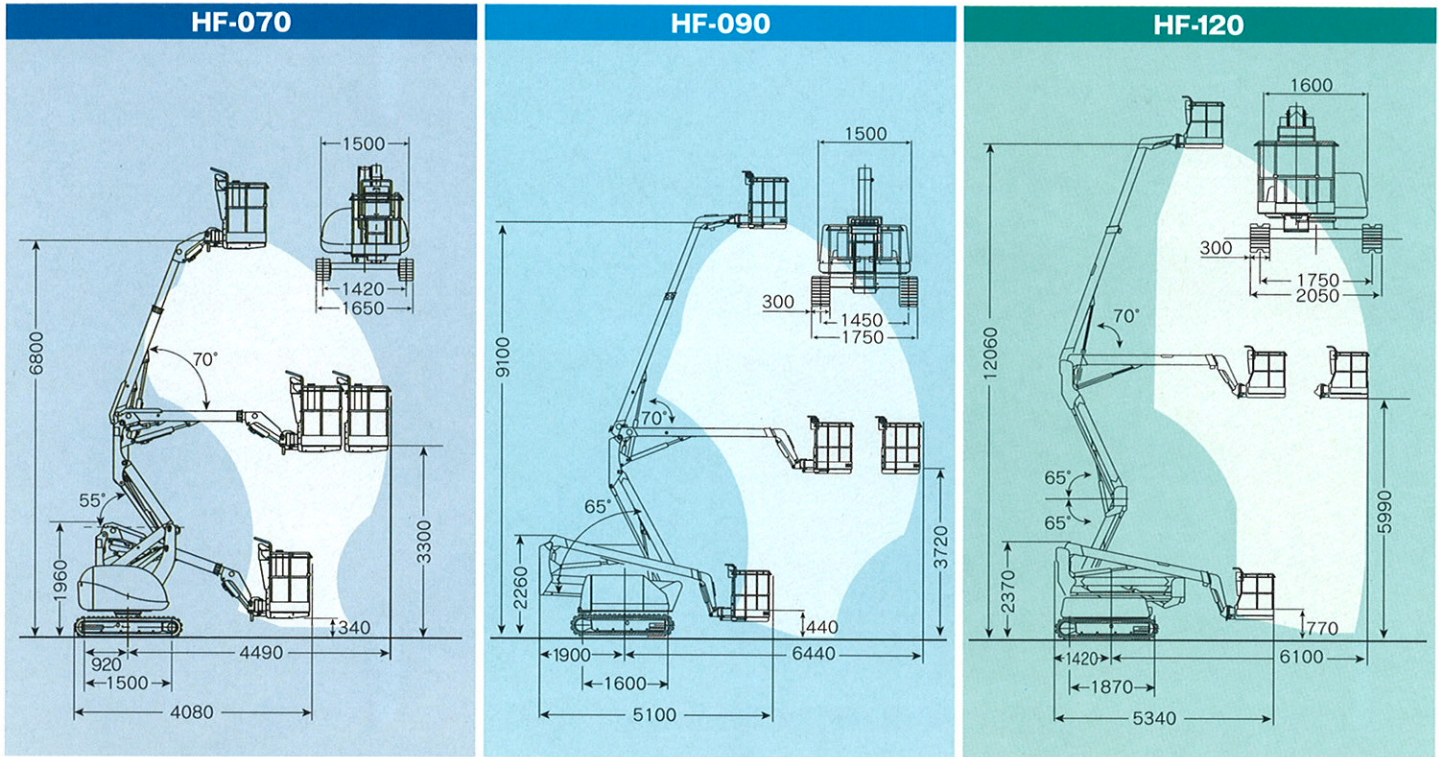
Lower operation panel Upper operation box

**HF-070**

**HF-090**

**HF-120**

MAEDA



**SPECIFICATIONS**

		HF-070	HF-090	HF-120
<b>Dimensions</b>				
Length × Width × Height	mm	4,080×1,650×1,960	5,100×1,750×2,260	5,340×2,050×2,370
Vehicle weight	kg	2,300	3,750	3,850
<b>Engine</b>				
Type		D722 (KUBOTA)	3LD1 (ISUZU)	3LB1 (ISUZU)
Rated - HP	kw/min <sup>-1</sup>	7.35/2,000 (10.0ps/2,000rpm)	20/2,400 (27.8ps/2,400rpm)	14.6/2,400 (20ps/2,400rpm)
Max - torque	N-m/min <sup>-1</sup>	3.92/1,800 (4.0kgf-m/1,800rpm)	92.2/1,700 (9.4kgf-m/1,700rpm)	64.7/1,800 (6.6kgf-m/1,800rpm)
Displacement	Litre	0.719 (719cc)	1.496 (1,496cc)	1.124 (1,124cc)
Fuel tank	Litre	18	40	40
<b>Basket</b>				
Max.load capacity	N	1471.5 (150kgf)	1962 (200kgf)	1962 (200kgf)
Dimension (W × L × H)	mm	770×620×1,000	1,130×730×1,000	1,130×730×1,100
Max.work floor height	m	6.80	9.10	12.06
Max.work radius	m	4.50	6.3	6.0
Swing angle	Angle	L90°/R45°	L90°/R45°	L90°/R45°
<b>Boom &amp; Slewing</b>				
Extension length	mm	800	1,500	2,000
Boom luffing angle (1st)	Angle	55°	65°	65° (1st & 2nd)
Boom luffing angle (2nd)	Angle	70°	70°	70° (3rd)
Slewing angle	Angle	360°	360°	360°
<b>Operating speed</b>				
Travel speed	km/h	1.0 (1st) 2.0 (2nd)	1.4	1.3
<b>Hydraulic</b>				
Relief pressure	Mpa	17.2 (175kgf/cm <sup>2</sup> )	20.6 (210kgf/cm <sup>2</sup> )	20.6 (210kgf/cm <sup>2</sup> )
Hydraulic pump		Gear×3	Gear×3	Gear×3
Voltage	V	DC12	DC12	DC12

Before use, please read the Operation Manual



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