

Tunnel Ladder

FPT 2.1 | FPT 2.4 | FPT 2.7 | FPT 3.0

Technical Data Sheet

Product Code	F-LAD FPT 1.8, 2.1, 2.7, 3.0
Manufacturer's Name	Branach Manufacturing Pty Ltd
Phone Number	+61 3 9761 6633
Certified By (Name, Title)	Mike Walsh Chief Design Engineer
Last Updated	17/04/2023

PROPERTIES

☒ Standards	Engineered Modified Product based on: AS/NZS 1892.3
 Load Rating	150 kg
 Electrical Properties	Non-conductive
 Heat Resistance	130 Degrees Celsius
 Warranty	3 years from date of manufacturing

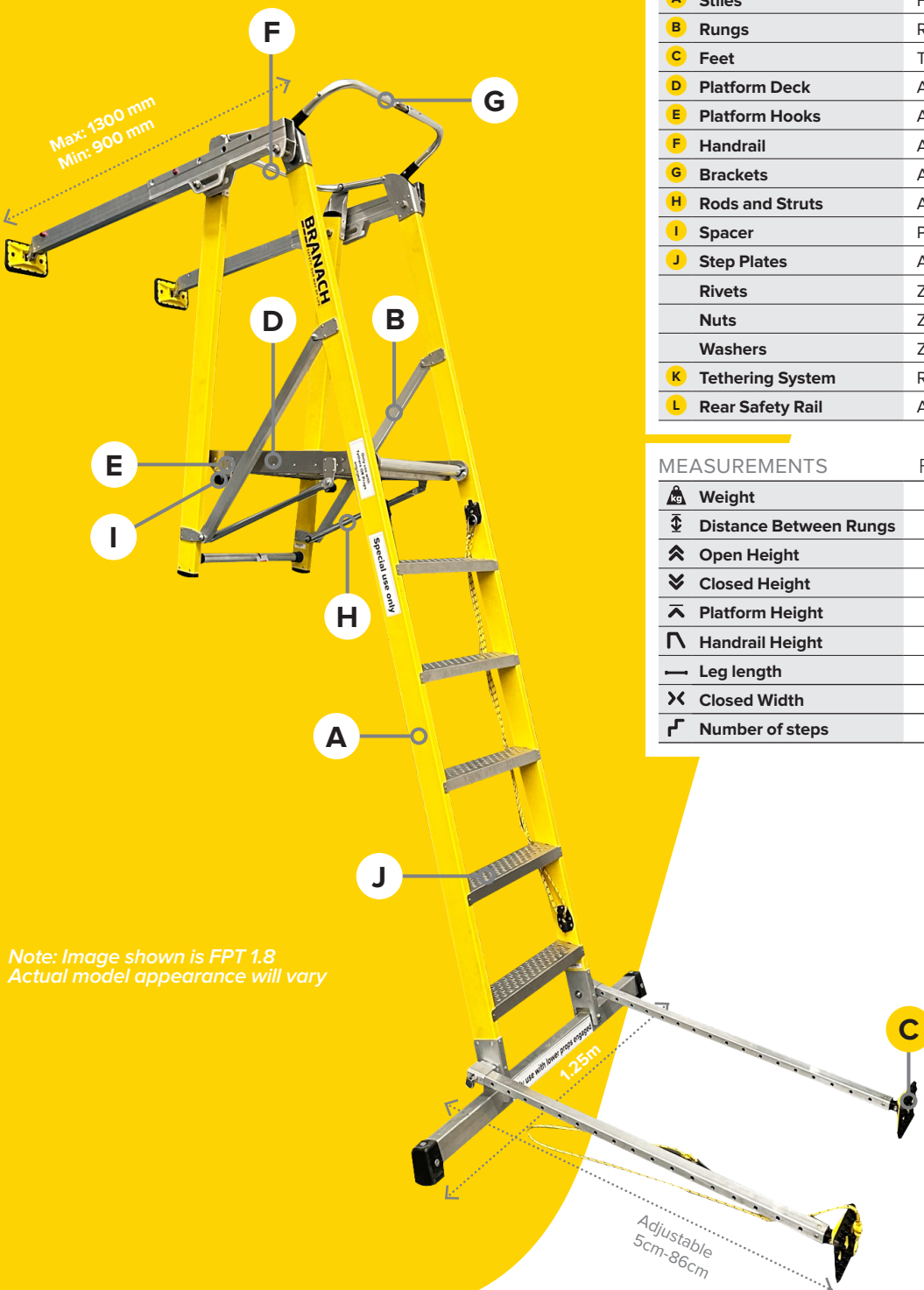
COMPONENTS

A Stiles	Fibreglass: ISO-PE resin with e-glass fibres
B Rungs	Round: Alloy 6060 / Mg 0.35-0.6 / Ti 0.10%
C Feet	Thermoplastic Polyurethane
D Platform Deck	Alloy 5052/5251 / Mg 2.2-2.8 / Ti 0%
E Platform Hooks	Alloy 5083/H116 / Mg 4.0-4.9 / Ti 0-0.15%
F Handrail	Alloy 6463-T6 / Mg 0.3-0.9 / Ti 0%
G Brackets	Alloy 5083 / H116 4.0-4.9 / Ti 0-0.15%
H Rods and Struts	Alloy 6463-T6 / Mg 0.3-0.9 / Ti 0%
I Spacer	Polyethylene
J Step Plates	Alloy 5052 H32 / Mg 2.2-2.8 / Ti 0%
Rivets	Zinc Plated, Trivalent Chromate Passivation
Nuts	Zinc Plated, Trivalent Chromate Passivation
Washers	Zinc Plated, Trivalent Chromate Passivation
K Tethering System	Rope - double braided polyester; Tensioner
L Rear Safety Rail	Alloy 6463-T6 / Mg 0.3-0.9 / Ti 0%

MEASUREMENTS

	FPT 2.1	FPT 2.4	FPT 2.7	FPT 3.0
 Weight	27.5kg	29kg	30.5kg	32kg
 Distance Between Rungs	305mm	305mm	305mm	305mm
 Open Height	2.93m	3.23m	3.51m	3.80m
 Closed Height	3.06m	3.37m	3.67m	3.98m
 Platform Height	2.1m	2.4m	2.7m	3.0m
 Handrail Height	0.9m*	0.9m*	0.9m*	0.9m*
 Leg length	1.55m	1.55m	1.62m	1.78m
 Closed Width	0.5m	0.5m	0.5m	0.5m
 Number of steps	7	8	9	10

*Above Platform



Note: Image shown is FPT 1.8
Actual model appearance will vary