

Manual Wheelchair

# Progeo Matrix



permobil

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	Rigid				Folding			
	Noir 2.0	Duke	Joker Carbon	Joker	Ego Carbon	Ego	Tekna Advance	Exelle Vario
Frame features	Carbon Fibre, Unique Frame Profile, Fixed, Custom Made-to-Measure Fixed	Carbon Fibre, Unique Frame Profile, Limited Adjustment	Carbon Fibre, Oval Frame Profile, Significant Adjustment	Aluminium, Oval Frame Profile, Maximum Adjustment	Carbon Fibre, Oval Frame Profile, Hybrid Folding Mechanism	Aluminium, Oval Frame Profile, Hybrid Folding Mechanism	Aluminium, Oval Frame Profile, Active Folding Mechnism	Aluminium, 1" Circular Frame Profile, Traditional Folding Mechanism
Seat width	33 - 36 - 39 - 42 - 45 cm	33 - 36 - 39 - 42 - 45 - 48 cm	33 - 36 - 39 - 42 - 45 - 48 cm	33 - 36 - 39 - 42 - 45 - 48 cm	33 - 36 - 39 - 42 - 45 - 48 cm	33 - 36 - 39 - 42 - 45 - 48 cm	36 - 39 - 42 - 45 - 48 cm	33 - 36 - 39 - 42 - 45 - 48 cm
Seat depth	35 - 37.5 - 40 - 42.5 - 45 - 47.5 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 - 50 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 - 50 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 - 50 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 cm	37.5 - 40 - 42.5 - 45 - 47.5 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 cm
Front seat height	Front from 44 to 54 cm	Front from 44.5 to 53 cm (adjustable)	Front from 45 to 53 cm (adjustable)	Front from 40 to 59 cm (adjustable)	Front from 45 to 53 cm (adjustable)	Front from 40 to 58 cm (adjustable)	Front from 40 to 58 cm (adjustable)	Front from 41 to 56 cm (adjustable)
Rear seat height	Rear from 37 to 48 cm	Rear from 38 to 46 cm (adjustable)	Rear from 38 to 46 cm (adjustable)	Rear from 38 to 46 cm (adjustable)	Rear from 38 to 46 cm (adjustable)	Rear from 38 to 46 cm (adjustable)	Rear from 38 to 46 cm (adjustable)	Rear from 38 to 51 cm (adjustable)
Front frame angle*	85° - 90° - 95°	90°	90°	85° - 90° - 100°	90°	85° - 90°- 100°	90° - 100°	95° - 110° - 120° Elevating Legrest 100-180°
Backrest height	From 24.5 to 47 cm (adjustable)	From 24.5 to 47 cm (adjustable)	From 24.5 to 47 cm (adjustable)	From 24.5 to 47 cm (adjustable)	From 24.5 to 47 cm (adjustable)	From 24.5 to 47 cm (adjustable)	From 24.5 to 47 cm (adjustable)	From 30 to 54 cm (adjustable)
Backrest angle	74° to 94° to the seat (adjustable)	74° to 94° to the seat (adjustable)	74° to 94° to the seat (adjustable)	74° to 94° to the seat (adjustable)	78° to 94° to the seat (adjustable)	78° to 94° to the seat (adjustable)	84° - 90° - 96° (adjustable)	90° to the seat (standard) 81° to 99° to the seat (Dynamic 2.0)
Footplate distance	From 35 to 51 cm	From 21 to 49 cm (adjustable)	From 33 to 49 cm (adjustable)	From 35 to 54 cm (adjustable)	From 33 to 49 cm (adjustable)	From 35 to 54 cm (adjustable)	From 35 to 54 cm (adjustable)	From 27 to 51 cm (adjustable)
Centre of gravity	7.5 to 13.5cm (made to measure)	7.5 - 9.0 - 10.5 cm	7.5 - 9.0 - 10.5 - 12.0 - 13.5 cm (continously adjustable)	7.5 - 9.0 - 10.5 - 12.0 - 13.5 cm (continously adjustable)	6.0 - 8.0 - 10.0 cm	6.0 - 8.0 - 10.0 cm	5.0 - 7.5 - 10.0 cm	3.5 - 6.0 - 8.5 - 10 cm (standard) 3.5 - 5.5 - 7.5 - 9.5 cm (Dynamic 2.0)
Camber	0° - 2° - 4°	0° - 2° - 4°	0° - 2° - 4°	0° - 2° - 4°	0° - 2°	0° - 2°	0° - 2° - 4°	0° - 1.5° - 3° (standard) 0° - 1.5° - 2° - 4° (Dynamic 2.0)
Transit options**	-	-	-	Transit Tie Down	-	-	-	Transit Tie Down
Transport weight	Starting from 4.0 kg approx.	Starting from 5.2 kg approx.	Starting from 5.4 kg approx.	Starting from 5.9 kg approx.	Starting from 7.2 kg approx.	Starting from 7.7 kg approx.	Starting from 7.6 kg approx.	Starting from 8.1 kg approx.
Maximum user weight	125 kg	125 kg	125 kg	125 kg	125 kg	125 kg	125 kg	125 kg

\*Progeo Front Frame Angle is measured relative to the seat with a larger angle indicating a more open or extended leg angle.

\*\*See Transit Option Flyers and Owners Manuals at [www.permobil.com/en-au](http://www.permobil.com/en-au) for specifications, limitations and precautions.



Tilt-in-Space		
	Easy Tilt   Easy Tilt Jr.	Tekna Tilt   Tekna Tilt Jr.
Frame features	Aluminium, Oval Frame Profile, Rigid, -5° to 45° Tilt	Aluminium, Oval Frame Profile, Folding Cross Brace, 0° to 45° Tilt
Seat width	30 - 33 - 36 - 39 - 42 - 45 - 48 cm	27 - 30 - 33 - 36 - 39 - 42 - 45 - 48 cm
Seat depth	35 - 37.5 - 40 - 42.5 - 45 - 47.5 - 50 cm	35 - 37.5 - 40 - 42.5 - 45 - 47.5 - 50 cm
Front seat height	Min. 42 Max. 48.5 cm	Min. 42 Max. 48.5 cm
Rear seat height	Min. 42 Max. 48.5 cm	Min. 42 Max. 48.5 cm
Front frame angle*	95° - 110° - 120° Elevating legrest 100 - 180°	95° - 110° - 120° Elevating legrest 100 - 180°
Backrest height	From 42 to 54 cm (adjustable)	From 35 to 55 cm (adjustable)
Backrest angle	95° - 105° - 115° to the seat (adjustable - pull pin design)	78° - 94° (adjustable - no recline) 90° - 120° (adjustable - recline)
Footplate distance	From 22 to 46 cm (adjustable)	From 27 to 46 cm (adjustable)
Centre of gravity	Standard - Rearmost position	Standard - Rearmost position
Camber	0°	0°
Transit options**	Transit Tie Down	Transit Tie Down
Transport weight	Starting from 13.0 kg approx.	Starting from 15.0 kg approx.
Maximum user weight	125 kg	125 kg

\*Progeo Front Frame Angle is measured relative to the seat with a larger angle indicating a more open or extended leg angle.

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