handicare

POWERED WHEELCHAIRS

		Indoor/ outdoor				Outdoor/ indoor		XL products	
SPECIFICATIONS		**IBIS XP**		**BEATLE**		**PUMA**		**ATLANTIC**	**PACIFIC**
DIMENSIONS									
Axle configuration		FWD	RWD	FWD	RWD	FWD	RWD	FWD	RWD
Maximum user weight	kg	160	160	160	160	160	160	200	200
Batteries	Ah	30	30 / 40	40	40	40 / 56 / 73	40 / 56 / 73	73	73
Total weight excl. batteries	kg	60	60	82	82	82	82	85	85
Total weight incl. batteries	kg	82	82 (30Ah)	112	112	112 (40 Ah)	112 (40 Ah)	115	115
Total length	mm	1040	1040	1100	1100	1050	1100	1105	1105
Total width	mm	595	595	600	600	650	650	740	740
Seat angle	°	0 - 6	0 - 6	2 - 7	2 - 7	2 - 7	2 - 7	0 - 10	0 - 10
Seat depth	mm	440 - 520	440 - 520	440 - 520	440 - 520	440 - 520	440 - 520	415 - 540	415 - 540
Seat width	mm	380 - 555	380 - 555	380 - 555	380 - 555	380 - 555	380 - 555	600 - 730	600 - 730
Seat height exc. cushion	mm	365 - 470	365 - 470	400 - 480	400 - 480	420 - 500	420 - 500	440 - 465 - 490	440 - 465 - 490
Seat height incl. cushion	mm	435 - 540	435 - 540	470 - 550	470 - 550	490 - 570	490 - 570	510 - 535 - 560	510 - 535 - 560
Backrest angle	°	89 - 120	89 - 120	89 - 118	89 - 118	89 - 118	89 - 118	90 - 115	90 - 115
Back height	mm	520 - 570	520 - 570	520 - 570	520 - 570	520 - 570	520 - 570	540	540
Lower leg length	mm	390 - 500	390 - 500	390 - 500	390 - 500	390 - 500	390 - 500	400 - 540	400 - 540
Armrest height	mm	180 - 280	180 - 280	180 - 280	180 - 280	180 - 280	180 - 280	200 - 300	200 - 300
Front armrest to backrest	mm	370 - 450	370 - 450	345 - 450	345 - 450	345 - 450	346 - 450	-	-
Diameter castor wheels (indoor)	mm	200	200	200	200	250	250	250	220
Diameter castor wheels (outdoor)	mm	-	-	-	-	260	260	250	220
Diameter drive wheels	mm	320	320	320	320	350	350	350	350
Tyre pressure castor wheels	bar	2.5	2.5	2,5	2,5	3,5	3,5	3,5	3,5
Tyre pressure drive wheels	bar	2.7	2.7	2,7	2,7	1,75	1,75	2,8	2,8
PERFORMANCE									
Maximum speed	km/h	6	6	6	6	6/ 10	6 / 10	8	8
Range (ISO 7176-4)	km	25	25 (30 Ah) / 31 (40 Ah)	27	27	50 (73 Ah)	50 (73 Ah)	25	25
Dynamic stability (max. safe slope)	°	6 (10,5%)	10 (17,5)	6 (10,5%)	10 (17.5%)	6 (10,5%)	10 (17.5%)	8 (14%)	10 (17,5%)
Obstacle height	mm	70	50	70	60	80	80	60	60
Obstacle height with kerb climber	mm	-	100	-	100	-	100	-	-
Ground clearance	mm	60	60	60	60	80	80	80	80
Turning radius (ISO 7176-5)	mm	600	790	600	960	600	960	700	990
ELECTRICAL OPTIONS									
Electrical backrest adjustment	°	89 - 120	89 - 120	88 - 120	88 - 120	88 - 120	88 - 120	-	-
Electrical seat tilt adjustment	°	15 / 24	15 / 24	4 - 40	4 - 40	4 - 40	4 - 40	-	-
Electrical high low	mm	0-210	0-210	0 - 305	0 - 305	0 - 305	0 - 305	-	-
Electrical leg rests	°	-	-	6 - 70	6 - 70	6 - 70	6 - 70	-	-
CERTIFICATES									
CE		√	√	√	√	√	√	√	√
EN 12182		√	√	√	√	√	√	√	√
EN 12184		√	√	√	√	√	√	√	√
ISO 7176-19		√	√	√	√	√	√	-	-
COLOURS FRAME/SHROUDS									
Blue/grey		-	-	√	√	√	√	-	-
Blue/yellow		-	-	√	√	√	√	-	-
Ice-blue		√	√	-	-	-	-	-	-
Grey		-	-	-	-	-	-	√	√
Black		-	-	-	-	-	-	-	-
Orange		-	-	-	-	-	-	-	-