PRODUCT CATALOGUE ANNEX: ASSISTIVE PRODUCTS MARKET REPORT 2024

Product information included in the catalogue is based on publicly available information or information provided by the suppliers. This list is not exhaustive but provides visibility to buyers, and we encourage manufacturers to reach out to us with product information, updates and new inclusions to the catalogue.

Note, the mention of specific companies or supplier products does not imply that ATscale or CHAI endorse or recommend them. The purpose of featuring certain suppliers and products is to demonstrate the variety of options available within LMICs, thereby aiding connections between suppliers and buyers who are seeking products to meet specific national or individual requirements. Buyers should conduct their own independent assessment to confirm if the product specifications and quality meet their requirements.

CLINTON HEALTH ACCESS INITIATIVE

ATscale GLOBAL PARTNERSHIP FOR ASSISTIVE TECHNOLOGY
Hosted by UNOPS

Eyeglasses

Exhibit 1: Reading Glasses Product Catalogue

(Listed in alphabetical order)

Manufacturer	Product line	Lens power	Frame material	Lens material	Quality	Indicative price *(in United States dollars)*
DOT Glasses[1]	Custom-fit Readers	+0.5D to +6D (0.25D interval)	Information not available	Information not available	Information not available	2.0
EssilorLuxottica 2.5 NVG[2]	ReadyMade	+0.25D to +4D	Plastic (21 design) Metal (2 design)	Plastic	CE	Information not available
LensKart[3]	LensKart Readers	All power ranges	Plastic	Plastic	Information not available	6.0 (Retail Price)
Mike Optical[4]	Information not available	+0.75D to +4D	Plastic	Plastic	CE, FDA, EN14139: 2002, US ANSI standard: Z80.31-2017	0.5 – 1.0
Weilan Optical (Matt Optical)[5]	Information not available	+0.25D to +4.5D	Plastic	Plastic	ISO 16034:2002, EN14139 :2002, US ANSI standard: Z80.31-2017	0.55 – 1.0

1 Information provided by DOT Glasses in 2024
2 Shopify [Link]
3 Lenskart company official e-commerce platform, retrieved in 2023
4 Information provided by Mike Optical in 2023
5 Information provided by Weilan Optical in 2023

Manufacturer	Product line	Lens power	Frame material	Lens material	Quality	Indicative price *(in United States dollars)*
Ouhai Glasses[6]	Information not available	+0.25D to +8D	Plastic and metal	Plastic	CE, ISO 16034	1.0 – 22.0
Pilot Optics[7]	Basic Unisex	+1D to +4D	Plastic	Plastic	CE, ISO 13485, EN 14139: 2002	0.5 – 1.5
Wenzhou Hengbo[8]	PC Reading glasses	Information not available	Plastic	Plastic	CE	0.95 – 1.05
Wenzhou Readsun[9]	Information not available	+0.75D to +4D (0.25D interval)	Plastic	Plastic	CE, ISO 16034:2002, US ANSI Standard: Z80.31-2017	0.69 – 1.09
VisionSpring[10]	Wisdom Series	+1D to +3D (0.25D interval)	Metal	Information not available	ISO 9001 Meet US FDA ruling regarding impact-resistance	1.0 – 3.0[11]
	Dignity Series	+1D to +3D (0.25D interval)	Plastic	Information not available		1.0 – 3.0
Zhantai Optical[12]	Information not available	+0.5D to +4D	Plastic and Metal	Plastic	CE, FDA US ANSI standard: Z80.31-2017	0.58 – 2.5

6 Information provided by Ouhai Glasses in 2023
7 Information provided by Pilot Optics in 2023
8 Wenzhou Hengbo company official Alibaba website [Link]
9 Information provided by Readsun in 2023
10 Product Catalogue from VisionSpring company official website, retrieved in 2023
11 Information provided by VisionSpring. Please note that VisionSpring glasses mostly sell in the range of 1.00 - 3.00 depending on costs to import and level of quality of the glasses and frames.
12 Information provided by Zhantai Optical in 2023

Exhibit 2: Lenses Product Catalogue

(Listed in alphabetical order)

Manufacturer	Product line	Lens power	Lens material	Coating	Quality	Indicative price *(in United States dollars)*
Carl Zeiss AG[13]	Information not available	+0.75D to +4D (0.25D interval)	Plastic	HC	ISO 9001	113.0[14] /pair (Retail price including frames)
Conant Optical[15]	Semi-finished UV++ single vision blue cut lenses	Information not available	Resin	UC/HC/HMC/SHMC[16]	CE	0.4 – 1.6 /pair
DOT Glasses	Information not available	Information not available	Information not available	Information not available	Information not available	1.0/pair, [17] photochromic 3.0/ pair
Essilor	Elements 1.56 Single Vision Lenses	Information not available	Information not available	Information not available	Information not available	17.0/pair (Retail price)[18]
Hongchen Optical[19]	Single Vision CR39 Lenses	Information not available	Resin mainly	UC/HC/HMC	CE, ISO 9001, ISO 13485, ISO 22196	0.6-0.8 /pair

13 Zeiss product catalogue [Link]
14 Smartbuyglasses.com [Link]
15 Conant company official Alibaba website [Link]
16 UC: Uncoated (The lenses are not coated), HC: Hard Coat (These lenses are coated with a protective coating that increases the abrasion resistance of the lens material. It is strongly recommended that all plastic lenses be hard coated), HMC: Hard Multi-Coat (The Hard Multi-Coat is an integration of 2 types of coatings. 1. Hard Coat - to increase the abrasion resistance of the lens 2. Anti-Reflection Coat (AR) - to increase the transmittance of the lens and reduce surface reflections.), SHMC: Super Hydrophobic Multi Coating (This is an advanced multi coat which makes the lens water & oil repellent).
17 Information provided by DOT Glasses in 2024
18 Kerala Opticals, [Link]
19 Hongchen company official Alibaba website [Link]

Manufacturer	Product line	Lens power	Lens material	Coating	Quality	Indicative price *(in United States dollars)*
Hoya	Hilux 1.50 Hi-Vision Aqua	-4D to +8D[20]	Plastic	Coating with high level scratch, dust, and water resistance[21]	Information not available	30.0/pair[22]
See World Optical[23]	Information not available	Information not available	Plastic	HC	CE, ISO 9001, FDA	Information not available
Vivo Optics[24]	Generic Lenses	Information not available	Resin mainly	Basic coatings and super-hydrophobic A6 coating available	ISO 9001	Information not available
Wanxin Optical[25]	CLEAR Finished lends	+0.25D to +10D	Plastic	Information not available	CE, FDA	Information not available
Yoli Optical[26]	Single Vision	-6D to +10D	Resin	UC/ HC/HMC/SHMC	CE, ISO9001, TUV	0.7 – 0.9/pair
Zhenjiang Select Optical[27]	Single Vision	0.25D to 8D (0.25 interval)	Resin	UC/HC/HMC/SHMC	CE, ISO 9001	0.6 – 1.2/pair

20 Eyewear24. Net [Link]
21 The benefits of Hoya's Hi-Vision aqua coating, [Link]
22 COC Eyewear, [Link]
23 SW Optical company official website, [Link]
24 Vivo Optics company official website [Link]
25 Wanxin company official website [Link]
26 Yoli company official Alibaba website [Link]
27 Select company official Alibaba website [Link]

Exhibit 3: Frames Product Catalogue

(Listed in alphabetical order)

Manufacturer	Product line	Frame material	Design and color	Quality	Indicative price *(in United States dollars)*
DOT Glasses	Adult (Standard)	Plastic	Information not available	ISO 9001, ISO 12870	1.0
	Kids	Plastic	Information not available	ISO 9001, ISO 12870	1.0
Mike Optical	Information not available	Plastic/metal	Diverse design	CE, FDA	0.7 – 2.9[28]
Ouhai glasses	Information not available	Plastic	Diverse design	ISO 12870	Min 1.0
Pilot Optics[29]	Injection CP	Plastic	Women	CE	1.1 – 1.2
Safilo[30]	Optical Frame	Plastic/metal	Diverse design	ISO 9001	58.0[31]
VisionSpring[32]	Courage Series	Plastic	8 colors	IQNET, ISO9001	1.0 – 3.0
	Inspiration Series	Metal	4 colors		
Weilan Optical (Matt Optical)	Information not available	Plastic (TR 90)	Information not available	ISO	1.7 – 1.9[33]
Wenzhou Readsun	PC Optical Frames[34]	Plastic	Unisex	CE, FDA, UV400, EN1836	0.8 – 1.3
	TR 90 Injection Optical Frames35	Plastic	Design for Women (Custom Color)		1.0 – 1.5
Zhantai Optical[36]	Information not available	Plastic (TR focused)	Information not available	CE, FDA, ISO 9001	1.6 – 2.3

28 Information provided by Mike Optical in 2023
29 Pilot Optics company official Alibaba website [Link]
30 Safilo company official website, [Link]
31 Smartbuyglasses.com [Link]
32 VisionSpring 22-23 Product Catalog
33 Information provided by Weilan Optical
34 Readsun company official Alibaba website [Link]
35 Readsun company official Alibaba website [Link]
36 Information provided by Zhantai Optical

Exhibit 4: Product Catalogue for on-the-spot delivery prescription eyeglasses

(Listed in alphabetical order)

Supplier	Product line	Product description	Lens	Frame	Quality	Indicative price *(in United States dollars)*
DOT Glasses	DOT Glasses	Adjustable one-size-fits-all eyeglasses. The adjustable frames, the radical lens concept and the easy vision testing tools provide access to improved vision for people in the most remote areas. Also provide small vision kits with accessories and testing products.	Material: Scratch-resistant polycarbonate lenses Power: Information not available	Material: Plastic Design: Children's frames available in different colors	ISO 9001, ISO 12870	2.0/pair (incl lenses, wholesale) worldwide 3.0 – 6.0/pair for end user
EssilorLuxottica[37]	Ready2Clip™	In rural areas, people usually travel from far to get their eyes tested. Ready2Clip™ can deliver eyeglasses adapted to user's prescriptions, gender, and face shape on the spot, saving them a return trip. Ready2Clip™ is designed for people suffering from myopia, hyperopia, or presbyopia, with no or slight astigmatism (<1D) and Pupillary distance between 52 and 63.	Material: 3 types of polycarbonate lenses for males, females, and children Power: -4.00 D to 4.00 D	Material: Not specified Design: 30+ designs, all flexible with spring hinges	CE	Information not available

37 Essilor See Change official website, [Link]

Supplier	Product line	Product description	Lens	Frame	Quality	Indicative price *(in United States dollars)*
GV 2020[38]	USee Vision Kit ™	Standard Kit including both eyeglasses and screening products. • *Eyeglasses:* 250 frames in 3 colors, 540 snap-in-lenses in assorted powers, 300 ready-made reading glasses in various styles and colors of +1.5,+2.5, and +3.5 powers. • *Vision screening products:* 2 distance charts, 1 near chart, 1 tape measure, 1 microfiber bag for each pair of glasses to serve as a cover and lens cloth.	Material: Not specified Power: Reading glasses: 1.50 D to 3.50 D (1.0 interval)	Material: Not specified Design: Various color and styles	Information not available	2,541 (Full kit) 4.62/pair

38 Global Vision 2020 official website, [Link]

Hearing aids

Exhibit 5: Hearing aids Product Catalogue

(Listed in no specific order)

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Sonova	Phonak	Vitus	Entry-level portfolio 4 channels Non-wireless 4 additional programs[39]	Phonak Vitus BTE-micro[40]	Mild to moderately-severe	CE Marked applied 2018	Zinc Air 312	320[41]
				Vitus BTE-P	Mild to severe		Zinc Air 13	
				Vitus BTE-UP	Severe to profound		Zinc Air 675	
		Virto B	Wireless 5 additional programs[42] 8 channels in essential model B30	B-13	Moderate to profound	CE Marked applied 2017	Zin Air 13	387 – 562
				B-312	Moderate to profound hearing loss		Zinc Air 312	

39 Phonak Vitus/Vitus+ User Guide [Link]
40 Product Information provided by Phonak [Link]
41 Indicative price provided by Phonak [Link]
42 Product Information provided by Phonak [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Sonova *(cont.)*	Phonak *(cont.)*	Naida B	Wireless 5 additional programs 8 channels in essential model B30	B-SP	Moderate to profound hearing loss	CE Marked applied 2017	Zinc Air 13[43]	387 – 562
				B-UP	Severe to profound hearing loss		Zinc Air 675	
				Stride B3-UP	40 – 120 Hz (moderate to profound)	CE Marked 2021	Zinc Air 675	580
		Tempus	12 channels 4 manual programs	Shine Rev+ UP[44]	40 – 120 Hz (moderate to profound)	Rated IP 68 CE Marked	Zinc Air 675	302
				Shine Rev+ P	0 – 100 Hz (mild to profound)		Zinc Air 13	315
				Shine Rev+ M	0 – 90 Hz (mild to profound)		Zinc Air 312	302
			6 channels	T Max UP 500	40 – 120 Hz		Zinc Air 675	343
				T Max SP 500	30 – 110 Hz		Zinc Air 13	
				T Stride P 600	0 – 100 Hz		Zinc Air 13	

43 Phonak Naida B User Guide [Link]
44 Product information provided by Unitron [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Sonova *(cont.)*	Hansaton	Stratos	Wireless No Telecoil 12 channels	AQ Beat ST R	0 to 100 Hz (mild to profound)	Rated IP 68	Rechargeable Lithium Ion	
		Excite Pro	Wireless No Telecoil 12 channels	AQ Jam XC Pro R	0 to 100 Hz (mild to profound) Required P receiver		Rechargeable Lithium Ion	
				Jam XC Pro R312 M	0 to 100 Hz (mild to profound) Requires M Receiver		Zinc Air 312	
		Beats	Wireless UP Receiver	Beat ST RT675 UP	40 to 120 Hz (moderate to highly profound)		Zinc Air 675	

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Sonova *(cont.)*	Hansaton *(cont.)*	Flow	Telecoil Non-wireless	Flow+ 312 M	0 to 100 Hz (mild to profound) Required P receiver	Rated IP 68	Zinc Air 312	
				Flow+ 13 P	0 to 100 Hz (mild to profound) Required P receiver		Zinc Air 13	
				Flow + 675 UP	40 to 120 Hz (moderate to highly profound) Requires UP receiver		Zinc Air 675	
		SHD	Entry Level Non-wireless Telecoil Resistance 8 channels	Jam SHD 3 RS13	Required P receiver		Zinc Air 13	
				Beat SHD 3 RS675	Requires UP receiver		Zinc Air 675	

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
WS Audiology	Widex	Daily 30	Wireless 3 channels Programmable Max battery life: 150-265 hours	DO3 – FA	0 – 90 dB		Zinc Air 312	206[45]
		Daily 30		DO3 – FA Power	40 – 110 dB		Zinc Air 13	206
		Daily 50		D05-FA	0 – 90 dB		Zinc Air 312	262
		Daily 50		D05-FA – Power	40 – 110 dB		Zinc Air 13	287
		Daily 100		D10-FA	0 – 90 dB		Zinc Air 312	375
		Daily 100		D10-FA – Power	40 – 110 dB		Zinc Air 13	375
		ME 3 SP	Wireless 3 channels Programmable Max battery life: 540 hours	SP BTE	50 – 125 dB		Zinc Air 675	312
		Unique 30	Wireless 4 channels Programmable Max Battery life: 135- 260 hours	U03-FA	0 – 95 dB		Zinc Air 312	206[46]
				U03-FA-Power	20 – 110 dB		Zinc Air 13	
				U03-FM	0 – 95 dB		Zinc Air 312	

45 Price list provided by Widex, 2020 [Link]
46 Price list provided by Signia, 2023 [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
WS Audiology *(cont.)*	Signia	Intuis 4	16 channels 4 programs	Intuis 4.2 (SP/P/M)	10 – 120 dB	IP 68 Rated	Zinc Air 675	360[47]
				Intuis 4.1 (SP/P/M)			Zinc Air 675	450
			12 channels 4 programs	Intuis 4.0 (SP/P/M)			Zinc Air 675	525
		Motion	16 channels 4 programs Rechargeable	C&G 1X/P 1X/ SP 1X	10 – 120 dB		Li-ion	587
	Coslegi	Mojo	3 programs 4 channels	Mojo BTE M1	20 – 100 dB		Zinc Air 312	
				Mojo BTE 13 D M2			Zinc Air 13	
		Effect	3 programs 6 channels	Effect BTE E3 13D			Zinc Air 13	500[48]
		Unia	4 channel	4-channel BTE	0 – 110 dB		Zinc Air 13	317

47 Ibid
48 Price listed in BDhearingstall company official website [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
GN Store Nord	ReSound	ONE 77	Wireless 12 channels Rechargeable	One 4 BTE	20 – 100 dB		Li ion	750[49]
		ONE 88	Rechargeable	One 4 BTE	30 – 110 dB		Li ion	750
		Key	Wireless 4 channels	Key 1 NP BTE	20 – 100 dB		Zinc Air 13	256
			Wireless 6 channels	Key 2 SP BTE	60 – 120 dB		Zinc Air 675	350
			Wireless 8 channels	Key 3 SP BTE	60 – 120 dB		Zinc Air 675	475
			Wireless 12 channels	Key 4 SP BTE	60 – 120 dB		Zinc Air 675	612
		Magna	Wireless 9 channels	Magna 4 SP BTE	60 – 120 dB		Zinc Air 675	281
	Danavox	LOGAR 4	3 programs 9 channels	LOGAR 490 DVI SP BTE	60 – 120 dB		Zinc Air 675	300[50]
		SAP 1	4 channels	SAP 170 Vi BTE	10 – 80 dB		Zinc Air 13	240
		Klar 1	4 channels	188 DWH HP	20 – 115 dB		Zinc Air 13	280

49 Indicative price provided by ReSound, 2023 [Link]
50 Indicative price provided by Danavox, 2023 [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
GN Store Nord *(cont.)*	Interton	Share 1.2	4 programs 6 channels	SR 1280 P BTE	30 – 110 dB		Zinc Air 13	225[51]
		Share 1.3	4 programs 8 channels	SR 1380 P BTE	30 – 110 dB		Zinc Air 13	262
		Ready 2	6 channels	Normal Power BTE	20 – 100 dB		Zinc Air 13	312
			6 channels	Power BTE	30 – 105 dB		Zinc Air 13	312
Starkey	Starkey	Livio AI	Wireless 10 channels / 10 bands 4 programs	1000 BTE 13	0 – 105 dB	IP 68	Zinc Air 13	200
			Wireless 12 channels / 12 bands 4 programs	1200 BTE 13	0 – 105 dB	IP 68	Zinc Air 13	245
			Wireless 16 channels / 16 bands 4 programs	1600 BTE 13	0 – 105 dB	IP 68	Zinc Air 13	325
		Evolv AI	Wireless 10 channels / 10 bands 4 programs	1000 BTE 13	0 – 105 dB	IP 68	Zinc Air 13	240
			Wireless 12 channels / 12 bands 4 programs	1200 BTE 13	0 – 105 dB	IP 68	Zinc Air 13	290

51 Indicative price provided by Interton, 2020 [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Starkey *(cont.)*	Starkey *(cont.)*	Evolv AI (cont.)	Wireless 16 channels / 16 bands 4 programs	1600 BTE 13	0 – 105 dB	IP 68	Zinc Air 13	400
			Wireless 10 channels / 10 bands 4 programs	1000 BTE 13 P+	20 – 120 dB	IP 68	Zinc Air 13	245
			Wireless 12 channels / 12 bands 4 programs	1200 BTE 13 P+	20 – 120 dB	IP 68	Zinc Air 13	350
			Wireless 16 channels / 16 bands 4 programs	1600 BTE 13 P+	20 – 120 dB	IP 68	Zinc Air 13	450
William Demant	Oticon	Ruby1	48 channels	Ruby1 BTE PP	Up to 105 dB	IP 68 Rated	Zinc Air 13	
		Jet2	48 channels	Jet2	Up to 85 dB		Zinc Air 13	
			48 channels	Jet2 BTE PP	Up to 105 dB		Zinc Air 13	
Li Sound	Li Sound	Master	16 channel compression Up to 4 programs 2 technological levels	V55/V65	Mild to profound (20 dB to 100 dB)		Zinc Air 13	Information not available
		Orfus	8 channel compression Rest same as above 2 tech levels	V55/V65	Mild to profound (20 dB to 100 dB)		Zinc Air 13	Information not available

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Li Sound *(cont.)*	Li Sound *(cont.)*	FocuX	5 channel compression 3 tech levels Up to 4 configurable memories	V55	Mild to profound (20 dB to 80 dB)		Zinc Air 13	Information not available
				V65	Mild to profound (20 dB to 90 dB)		Zinc Air 13	Information not available
				H75	Mild to profound (20 dB to 100 dB)		Zinc Air 675	Information not available
		Sense	Up to 4 configurable memories 5 channel compression	V55/V65	Mild to profound (20 dB to 100 dB)		Zinc Air 13	Information not available
		Shui	Up to 3 configurable memories 3 channel compression	V55/V65	Mild to profound (20 dB to 100 dB)		Zinc Air 13	Information not available
ALIMCO	ALIMCO	TD	2 programs for listening	TD015	Moderate to Severe Hearing Loss		Zinc Air 13	Information not available
Alps	Alps	Erika	4 listening programs	Erika	Moderate to severe hearing loss		Zinc Air 13	100 on bulk purchase[52]
		Space ND	4 listening programs	Space ND	Mild to profound (0 dB to 100 dB)		Information not available	Information not available
		Smartear –	4 listening programs	Smartear+	Mild to profound (0 dB to 100 dB)		Information not available	Information not available

52 Information provided by Alps

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Alps *(cont.)*	Alps *(cont.)*	Alps Smart Ai BTE 13 Power BTE	Programmable AI enabled		Up to 95 dB hearing loss		Zinc Air 13	110
		Alps Smart Ai BTE 675 Super Power BTE	Programmable AI enabled		Up to 110 dB hearing loss		Zinc Air 674	140
		Alps Amazer MEGA POWER BTE	Programmable AI enabled		Up to 118 dB hearing loss		Zinc Air 675	190
Acosound	Acosound	Celesta	12 compression channels in the basic version 4 programs for listening 4 technical levels	BTE M	Mild to profound (0 dB to 100 dB)		Information not available	698
				BTE P	Mild to very profound (0 dB to 120 dB)		Information not available	469
		Leya	4 compression channels in the basic version 4 programs for listening 4 technical levels	BTE M	Mild to profound (0 dB to 100 dB)		Information not available	698
				BTE P	Mild to very profound (0 dB to 120 dB)		Information not available	469[53]

53 Price listed in Acosound company official website [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Kunvmed	Kunvmed	KV	8 channels Rechargeable	KV 201-203	Information not available		Lithium Ion	Information not available
				KV 301	Information not available		Information not available	Information not available
			4 channels 4 listening modes Rechargeable	KV 401	Information not available		Information not available	Information not available
				KV 601	Information not available		Lithium Ion	Information not available
			16 channels Rechargeable	KV 901	Information not available		Lithium Ion	Information not available
				KV 902	Information not available		Lithium Ion	Information not available
		KG	16 channels Rechargeable	KG 75	Information not available		Lithium Ion	Information not available
		KD	16 channels Rechargeable	KD 57	Information not available		Lithium Ion	Information not available
				KD 17 B	Information not available		Lithium Ion	Information not available
				KD 71 B	Information not available[54]		Lithium Ion	Information not available

54 Information provided by Kunvmed

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
New Sound	New Sound	Vanplus	2 to 8 channels	Vanplus[55]	Mild to very profound (30 to 120)		Zinc Air 13	
		Asana Pro	4 programs 2 to 8 channels	Asana Pro[56]	Mild to profound (0 to 100)		Zinc Air 13	
Austar[57]	Austar	Cadenza H	16 channel Rechargeable	H71	Information not available		Lithium Ion	
				H72	Information not available		Information not available	
				H73	Information not available		Information not available	
				H77	Information not available		Information not available	
		Fugue	4 channels 8 bands 2 programs	4W	Information not available		Information not available	
			24 channels 24 bands 2 programs	24 BTE U	Information not available		Information not available	

55 NewSound company official website [Link]
56 NewSound company official website [Link]
57 Austar company official website [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
Austar *(cont.)*	Austar *(cont.)*	Fugue *(cont.)*	10 channels 12 bands 3 programs Wireless	10W	Information not available		Information not available	
		Others	10 channels 10 bands	Cadenza L	Information not available		Information not available	
				Cadenza A	Information not available		Information not available	
		Elite Fugue	Up to 32 channels 32 bands 2 to 4 programs	Elite	Information not available		Information not available	
Cofoe[58]	Cofoe	Cofoe	Wireless Rechargeable 4 hearing programs	KFN01	Mild to moderate		Lithium Ion	7 per unit for MOQ of 2000

58 Cofoe company official website [Link]

Manufacturer	Brand	Product line	Features	Product	Fitting range	Quality	Battery	Indicative price *(in United States dollars)*
JingHao[59]	JingHao	JH	Rechargeable	JH W3	Mild to severe (20 to 80)	IP 65	Lithium Ion	Information not available
			6 levels of sound adjustment	JH D12	Information not available		Information not available	Information not available
				JH D58 (has MOQ of 100)	Information not available		Information not available	Information not available
			Rechargeable	JH 338	Information not available		Lithium Ion	Information not available
				JH D59	Information not available		Information not available	Information not available
			Rechargeable	JH D26	Information not available		Lithium Ion	Information not available
				JH D12	Information not available		Information not available	Information not available
			4 channels & 4 hearing programs	JH D36	Information not available		Information not available	Information not available

59 Product list provided by Jinghao company official website [Link]

Prostheses

Exhibit 6: TT Prostheses (Below Knee Set) Product Catalogue

(Listed in alphabetical order)

Company	Product	Weight/materials	Components included:	Quality	Indicative price *(in United States dollars)*
Blatchford[60] *(UK)*	Below knee kit with ranger foot (laminated)	Weight: Not specified Material: Laminated	• SACH foot adapter • Tube adapter 210mm • Tube clamp adapter • Prong lamination anchor • Ranger foot • BK fairing • BK cosmetic sock	ISO, CE, FDA	110
	Below knee kit with ranger foot (PP socket)	Weight: Not specified Material: PP Socket	• SACH foot adapter • Tube adapter 210mm • Socket adapter • Ranger foot • BK fairing • BK cosmetic socks		122

60 Blatchford India Product Catalog, 2021

Company	Product	Weight/materials	Components included:	Quality	Indicative price *(in United States dollars)*
Circleg[61] *(Switzerland)*	TT Kits	Weight: Not specified Material: PP GF62 (foot spring), TPU63 (cover), Steel (Adapter), Aluminium (Pylon), EPP64	• Dynamic foot • Pylon kit • Cosmetic cover TT	ISO 10328, CE	200 – 400
EXONEO[65] *(France)*	BK Set	Weight: Not specified Material: Molded polymer, fiberglass, stainless steel, aluminium	• Socket adapter • Tube adapter • Tube with female pyramid • EXONEO Tino foot (K1, K2 activity level[66]) • (Liners & Sleeves in option)	ISO 10328, CE	240
Mobility India[67] *(India)*	Transtibial prosthetics kit	Weight: Not specified Material: Stainless steel	• Foot adapter • Socket adapter • Tube clamp adapter • Tube adapter • Pylon • MI Prosthetics SACH foot	Information not available	Information not available

61 Information provided by Circleg in 2024
62 Note: PP GF stands for a compound of Polypropylene with the addition of glass fibers
63 Note: TPU stands for a compound of Polypropylene with the addition of glass fibers
64 Note: EPP stands for Expanded Polypropylene
65 Information provided by EXONEO in 2024, the price is Ex-works price
66 Note: 1) K1 activity level has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulator 2) K2 activity level as the ability or potential for ambulation with the ability to traverse low-level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator [Link]
67 Mobility India Product Catalog, [Link]

Company	Product	Weight/materials	Components included:	Quality	Indicative price *(in United States dollars)*
Proted[68] *(Türkiye)*	Below knee prosthesis set	Weight: Not specified Material: Not specified	• Foot - Simple foot • Ankle - No articulation at ankle or energy recovery • Pylon and adapters	ISO, CE	130
Rehab Impulse[69] *(Switzerland)*	TT Alignment Kit (Set of components allowing different alignment configuration)	Weight: Not specified Material: Stainless steel	Adult, including pylon, adapters, and connecters	Information not available	30
ST&G[70] *(US)*	Below knee kit	Weight: Not specified, Material: Aluminium/ steel/ titanium	• Foot - Simple foot • Ankle - No articulation at ankle or energy recovery • Pylon and adapters	ISO	Aluminium: 66 Stainless steel: 88 Titanium: 141

68 Indicative price provided by Proted, 2021
69 Price listed in Rehab Impulse company official website, 2023
70 Indicative retail price provided by ST&G, 2021

Exhibit 7: TF Prostheses (Above Knee Set) Product Catalogue

(Listed in alphabetical order)

Company	Product	Weight / materials	Components included:	Quality	Indicative price *(in United States dollars)*
Blatchford[71] *(UK)*	AK kit with 4 bar mechanical knee and ranger foot (laminated)	Weight: Not specified Material: Laminated	• Pyramid socket adapter • 4 Bar Mechanical Knee Joint • Tube Adapter 410mm • Tube Clamp Adapter • SACH Foot Adapter • Ranger Foot • A.K. Fairing • Suction valve • A.K. Cosmetic socks	ISO, CE, FDA	717
Circleg *(Switzerland)*	TF Kits	Weight: 2,280g – 2,480 g Material: PA GF[72](Knee), PP GF (foot spring), TPU (cover), Steel (Adapter), Aluminium (Pylon), EPP	• Polycentric knee • Dynamic foot • Pylon kit • Cosmetic cover TF	ISO 10328, CE	400 - 700
EXONEO[73] *(France)*	AK Set	Weight: Not specified Material: Molded polymer, fiberglass, stainless steel, aluminium	• Socket adapter • Adapters • 4 axis mechanical knee joint • Tube with female pyramid • EXONEO Tino foot (K1, K2 activity level) • (Liners & Sleeves in option)	ISO 10328, CE	350

71 Blatchford India Product Catalog, 2021

72 Note: PA GF stands for polyamide with glass fiber

73 Information provided by EXONEO in 2024, the price is Ex-works price

Company	Product	Weight / materials	Components included:	Quality	Indicative price *(in United States dollars)*
Mobility India *(India)*	Transfemoral prosthetic kit	Weight: Not specified Material: Stainless steel	• Foot adapter • Socket adapter • Tube clamp adapter • Tube adapter • Knee joint • Pylon • Adjustable pylon	Information not available	Information not available
Proted[74] *(Türkiye)*	Above knee prosthesis set	Weight: Not specified Material: Not specified	• Foot - Simple foot, • Ankle - No ankle articulation • Knee - free knee with hand operated knee lock • Pylon and adapters	ISO, CE	300
Rehab Impulse[75] *(Switzerland)*	TF Alignment Kit (Set of components allowing different alignment configuration)	Weight: Not specified Material: Stainless steel	Adult, including pylon, adapters, and connecters (excluding knee joint)	ISO 9001, ISO 10328	30

74 Indicative price provided by Proted, 2021
75 Price listed in Rehab Impulse company official website, 2023

Exhibit 8: Prostheses Feet Product Catalogue

(Listed in alphabetical order)

Company	Product	Weight / materials	Components included:	Quality	Indicative price *(in United States dollars)*
Aosuo[76] *(China)*	SACH foot and dynamic foot	Weight: Not specified Material: Not specified	Heel height 10mm / Different sizes	ISO, CE	15 – 17[77]
Beijing Jingbo[78] *(China)*	Single and Double Axis Foot	Weight: Not specified Material: Polyurethane		ISO, CE	17
Camfore[79] **(China)**	SACH foot	Weight: Not specified Material: Not specified	Stronger material cost a bit more	ISO, CE, FDA	12 – 15[80]
Circleg *(Switzerland)*	Dynamic Foot	Weight: 880g-1060g Material: PP GF (foot spring), TPU (cover), steel adapter	Foot component Rubber cover	ISO10328, CE	120 – 250
EXONEO *(France)*	TINO Foot	Weight: 465g & 700g Material: Molded polymer, fiberglass, stainless steel, aeronautic aluminium	Male pyramid included with the foot. Mobility level : K1, K2 activity level	ISO 10328, CE	170[81]

76 New Aosuo company official export price list, 2023
77 Note: Price varies because of different sales volume.
78 Jingbo company official price list, 2023 (Note: the original price in ¥RMB)
79 Camfore company official price list, 2023
80 Note: Price varies because of different material used
81 Information provided by EXONEO in 2024, the price is ex-works, and the minimum order quantity (MoQ) is 50 pcs.

Company	Product	Weight / materials	Components included:	Quality	Indicative price *(in United States dollars)*
FPC[82,83] *(China)*	Single axis foot with double holes	Weight: Not specified Material: Polyurethane	Heel height 10mm	ISO, CE, FDA	5 – 30
	Single axis foot with one hole	Weight: Not specified Material: Not specified	Heel height 10mm		15 – 17
GO Assistive Technology *(UK)*	Knee Joint	Weight: 700g Material: Stainless steel	Knee joint, Pylon, Connectors	ISO 10328, CE in progress	200 – 300
IB-ER Prosthetics[84] *(Türkiye)*	Foot (Single, Multi, SACH)	Weight: Not specified Material: Not specified		ISO, CE, FDA	26 – 35
Metiz[85] *(Russia)*	SACH Foot	Weight: Not specified Material: Not specified		ISO, CE	44
Rehab Impulse[86] *(Switzerland)*	Foot SACH 2.0	Weight: Not specified Material: Not specified	Adult	ISO	49
Shijiazhuang Wonderfu[87] *(China)*	Rubber Prosthetic SACH Foot	Weight: 140g-700g Material: Rubber	Size range: 12-30cm	CE	13
ST&G[88] *(US)*	SACH Foot	Weight: Not specified Material: Not specified		ISO 9001	36

82 FPC Alibaba retail price in 2023
83 Note: Price varies because of different sales volume
84 Indicative price provided by IB-ER, 2021
85 Indicative price provided by Metiz, 2021
86 Price listed in Rehab Impulse company official website, 2023
87 Shijiazhuang Wonderfu official price list, 2023
88 Indicative retail price provided by ST&G, 2021

Exhibit 9: Knee Joint Product Catalogue

(Listed in alphabetical order)

Company	Product	Weight/materials	Components included:	Quality	Indicative price *(in United States dollars)*
Aosuo[89] *(China)*	4 bar pneumatic knee joint	Weight: 680g Material: Not specified		ISO, CE	250
Beijing Jingbo[90] *(China)*	Mechanical Stainless Steel Single Axis Knee Joint	Weight: 394g Material: Stainless steel		ISO, CE	40
	Mechanical Titanium Single Axis Knee Joint	Weight: 280g Material: Titanium			120
Camfore[91] *(China)*	4 bar knee Joint Stainless Steel	Weight: 690g Material: Stainless steel		ISO, CE FDA	40
	Manual Lock Knee Joint Stainless Steel	Weight: 583g Material: Stainless steel			45
Center for Assistive Technology *(India)*	Polycentric knee joint, (Kadam)	Weight: 650g Material: Stainless steel and aluminium alloy	• Load weight: 135kg • Maximum knee flexion range: 165 degrees. • Can be aligned between active to safe mode. • System height – 13.5cm.	ISO	195

89 New Aosuo company official export price list, 2023
90 Jingbo company official price list, 2023
91 Camfore company official price list, 2023

Company	Product	Weight/materials	Components included:	Quality	Indicative price *(in United States dollars)*
Circleg *(Switzerland)*	Polycentric Knee	Weight: 870g Material: PA GF		ISO10328, CE	150 – 300
FPC[92,93] *(China)*	Aluminium Pneumatic Knee Joint	Weight: 870g Material: Aluminium	Adult Load weight: 125kg	ISO, CE	400 – 500
IB-ER Prosthetics[94] *(Türkiye)*	Knee joint: (Free knee with hand operated knee lock - HOKL)	Weight: Not specified Material: Not specified		ISO, CE, FDA	80 – 100
Mobility India *(India)*	Four bar linkage knee joint	Weight: 700g Material: Stainless steel	Load weight: 125kg Knee flexion range: 110 degrees	Information not available	Information not available
Metiz[95] *(Russia)*	Polycentric Knee Joint	Weight: Not specified Material: Stainless steel		ISO, CE	165
	Single Axis Friction Knee	Weight: Not specified Material: Stainless steel			198
Rehab Impulse[96] *(Switzerland)*	Monocentric knee joint with an integrated manual locking system	Weight: Not specified Material: Not specified	125 degrees bending	ISO	144

92 FPC Alibaba retail price in 2023
93 Note: Price varies because of different sales volume.
94 Indicative price provided by IB-ER, 2021
95 Indicative price provided by Metiz, 2021
96 Price listed in Rehab Impulse company official website, 2023

Company	Product	Weight/materials	Components included:	Quality	Indicative price *(in United States dollars)*
Shijiazhuang Wonderfu[97] *(China)*	Aluminium Mechanical Knee Joint	Weight: 550g Material: Aluminium	Load weight: 100kg Knee flexion range: 165 degrees	CE	130
	Universal Silicone Liner with/no lock	Weight: Not specified Material: Silicone	Wide size option		235
ST&G[98] *(US)*	Mechanical 4 Bar Knee, Stainless Steel	Weight: Not specified Material: Stainless steel		ISO	330

97 Shijiazhuang Wonderfu official price list, 2023
98 Indicative retail price provided by ST&G, 2021

Exhibit 10: Global Prostheses Suppliers' Product Catalogue

(Please note that the companies are clustered by headquarter location and further ranked by their year of establishment)

The information provided is sourced from public domains. The suppliers listed have stated that they hold one or more internationally recognized qualifications, such as ISO 13485, ISO 9001, CE, and FDA. Additionally, they have a track record of international sales, notably in LMIC markets. Most suppliers listed offer a wide range of lower limb prosthetics, including fabrication materials, prosthetic components, and, in some cases, even machinery and equipment. This list is not comprehensive and should only be used as a reference.

Exhibit 10 provides web addresses of the product catalogue by 45 global suppliers. These catalogues include a more comprehensive overview of products offered by each supplier. These product catalogues can be accessed directly through the links provided.

#	Company	HQ	Year	Company website	Product catalogue	Prosthetics machinery sales
1	**WillowWood**	USA	1907	https://www.willowwood.com/	Link	Yes
2	**Fillauer**	USA	1914	https://fillauer.com/	Link	Yes
3	**Becker**	USA	1933	https://www.beckerorthopedic.com/	Link	Yes
4	**College Park**	USA	1988	https://www.college-park.com/	Link	
5	**ST&G**	USA	1992	https://stngco.com/	Link	
6	**Medex**	USA	2001	http://www.medexinternational.com/	Link	
7	**Blatchford/Endolite**	UK	1890	https://www.blatchford.co.uk/	Link	
8	**North Sea Plastics**	UK	1976	https://www.northseaplastics.com/	Link	
9	**Ortho-Europe**	UK	1990	https://www.ortho-europe.com/	Link	
10	**Limbtex**	UK	2006	https://www.limbtex.com/	Link	
11	**Go Assistive Technology**	UK	2020	https://www.goassistivetech.com/	Link	
12	**Ortpar**	Türkiye	1978	https://www.ortpar.com/	Link	

#	Company	HQ	Year	Company website	Product catalogue	Prosthetics machinery sales
13	**IB-ER Prosthetics**	Türkiye	1988	http://www.ib-er.com/	Link	
14	**Proted**	Türkiye	1992	https://protedglobal.com/	Link	Yes
15	**Ortotek**	Türkiye	2000	https://ortotek.com/	Link	Yes
16	**Tehsen**	Chinese Taipei	1960	http://www.tehsen.com/index.php?lang=en	Link	
17	**Teh Lin**	Chinese Taipei	1970	http://www.tehlin.com/	Link	
18	**e-life International**	Chinese Taipei	2001	https://www.e-lifebracing.com/	Link	
19	**Win Walker**	Chinese Taipei	2007	http://www.win-walker.com/	Link	
20	**Rehab Impulse**	Switzerland	2011	https://www.rehabimpulse.org/	Link	Yes
21	**ATP**	Switzerland	2019	https://www.atpsupply.org/	Link	Yes
22	**Circleg**	Switzerland	2019	https://circleg.world/	Link	
23	**Metiz**	Russia	1999	https://metiz-ltd.com/about	Link	Yes
24	**MTO**	Italy	1995	https://www.mto.it/	Link	
25	**Roadrunnerfoot**	Italy	2007	https://www.roadrunnerfoot.com/	Link	
26	**ALIMCO**	India	1976	https://www.alimco.in/	Link	Yes
27	**Mobility India (MI)**	India	1994	https://mobility-india.org/	Link	Yes
28	**PTO**	India	2010	http://www.protechortho.com/	Link	Yes

#	Company	HQ	Year	Company website	Product catalogue	Prosthetics machinery sales
29	**Center for Assistive Technology**	India	2018	https://www.centre-at.org	Link	Yes
30	**Ossur**	Iceland	1971	https://www.ossur.com/global	Link	
31	**Regal Prostheses**	Hong Kong SAR	1995	https://www.regalprosthesis.com/	Link	
32	**Hua Kang Pros**	Hong Kong SAR	2012	http://www.chppros.com/	Link	
33	**Ottobock**	Germany	1919	https://www.ottobock.com/en/	Link	Yes
34	**Streifeneder**	Germany	1928	https://www.streifeneder.com/op	Link	Yes
35	**DOI ortho-innovativ**	Germany	2002	https://www.ortho-innovativ.de/en-gb/home	Link	
36	**Proteor**	France	1913	http://www.proteor.com/	Link	
37	**Exoneo**	France	2017	https://exoneo.eu/	Link	
38	**Fujian Guozi (FPC)**	China	1959	http://www.fpcfoot.com/en/index.shtml	Link	
39	**Beijing Jingbo**	China	1992	http://en.jingbo-po.com/	Link	Yes
40	**Shijiazhuang Wonderfu**	China	2008	https://www.wonderful-po.com/	Link	Yes
41	**Shijiazhuang Perfect**	China	2009	https://www.sjzpfc.com/	Link	
42	**Camfore**	China	2010	http://www.camfore.com	Link	
43	**Shijiazhuang New Ausuo**	China	2016	https://m.as-health.cn/	Link	Yes
44	**Re-life**	Canada	Information not available	http://www.re-life.ca	Information not available	
45	**Polior**	Brazil	1986	https://polior.com.br/es/casa/	Link	

Screen readers

Exhibit 11: Screen readers Product Catalogue

	JAWS	ZoomText Fusion	Dolphin Screen Reader	SuperNova	NVDA	BRLTTY	VoiceOver	TalkBack	ChromeVox	Narrator	Orca
Type	Commercial	Commercial	Commercial	Commercial	Open-source	Open-source	OS included	OS included	Built-in	Built-in	Built-in
Operating systems	Windows	Windows	Windows	Windows	Windows	Linux; Windows	macOS, iOS, iPadOS	Android	web based; ChromeOS	Windows	Linux, Unix, FreeBSD
Indicative price *(in United States dollars)*	90/ year 1,475 (lifetime)	170/ year 1,540 (lifetime)	1,105 - 1,200 (before tax)	1,195 - 1,435 (before tax)	Information not available	Information not available	Information not available	Information not available	Information not available	Information not available	Information not available
Device	Desktop	Desktop	Desktop	Desktop	Desktop	Desktop	Mobile, Tablet, Desktop	Mobile, Tablet, Desktop	Chrome-Book	Desktop	Desktop
Languages supported	35+	35+	25+	25+	80 (built-in); 54 languages	N/A but multi-lingual	40+	60+	N/A but multi-lingual	10+	10+

	JAWS	ZoomText Fusion	Dolphin Screen Reader	SuperNova	NVDA	BRLTTY	VoiceOver	TalkBack	ChromeVox	Narrator	Orca
Speech synthesizer options[99]	Yes Eloquence and Vocalizer Expressive	Yes Eloquence and Vocalizer Expressive	Yes	Yes	Yes eSpeak NG - built-in; Microsoft Speech API	Yes e-Speak, Android TTS, Alva Delhi	Yes AVSpeech Synthesizer	Yes	Yes	Yes SAPI 5 synthesiz-ers	Yes
Language and dialect	Yes	Yes	Yes	Yes	Yes	Informa-tion not available	Yes	Yes	Yes	Yes	Yes
Automatic language switching	Yes	Yes	No	No	Yes	No	Yes	Yes	No	No	Informa-tion not available
Speech viewer	Yes	Yes	Yes	Yes	Yes	Informa-tion not available	No	No	No	No	Informa-tion not available
Braille displays supported	All popular displays	All popular displays	Over 60 display models	Over 60 display models	Any display that supports HID Braille	Most popular displays	All popular displays	Yes[100]	Yes	All popular displays	Same as BrlTTY

99 A speech synthesizer is a technology that converts written text or symbols into spoken words, allowing for audible output of digital content.
100 As of Android 13 BrailleBack is no longer required to connect to a braille display.

Smartphones

Exhibit 12: Smartphones Product Catalogue

(Leading global suppliers)

Brand	Product	Indicative price *(in United States dollars)*	Accessibility features
Samsung	Samsung Galaxy S23 FE	687[101]	Across Galaxy S23, and Galaxy A05. Both devices have 96/133 features, with the rest either unavailable or information across the same not available. There are 4 distinguishing features for Galaxy A05: • Device Coupling (NFC), a mobility/dexterity feature, is not available • Haptic Feedback, a vision feature, is not available • Configurable Audio, a hearing feature, is not available • TT compatibility, a hearing feature, is available but isn't available in Galaxy S23
	Samsung Galaxy A54 5G	425	
	Samsung Galaxy A25 5G	337	
	Samsung Galaxy F54 5G	308	
	Samsung Galaxy A15 5G	244	
	Samsung Galaxy S21 FE	243	
	Samsung Galaxy F34 5G	206	
	Samsung Galaxy M34	200	
	Samsung Galaxy A14 5G	176	
	Samsung Galaxy A05s	144	

101 Index: **Green** = High range model chosen for comparative; **Orange** = Mid range model chosen for comparative; **Blue** = Low range/budget model chosen for comparative

Brand	Product	Indicative price *(in United States dollars)*	Accessibility features
Apple	Apple iPhone 15 Pro Max	1,961	Across iPhone 15 Pro, iPhone 13, and iPhone SE. All three devices have 104/133 features, with the rest either unavailable or information across the same not available. There are only 3 distinguishing features not available in iPhone SE– • Automatic Redial, Automatic Answer, mobility/dexterity features • Tactile Keypad feedback, a vision feature
	Apple iPhone 15 Pro	1,637	
	Apple iPhone 12 Pro Max	1,499	
	Apple iPhone 15 Plus	1,061	
	Apple iPhone 15	936	
	Apple iPhone 14 Plus	825	
	Apple iPhone 14	725	
	Apple iPhone 13	644	
	Apple iPhone 11	549	
	Apple iPhone SE 2020	499	

Brand	Product	Indicative price *(in United States dollars)*	Accessibility features
Oppo	OnePlus Open	1,750	Across OnePlus 10 Pro and Oppo A57. Both devices have 69/133 features, 37 distinguishing features and information N/A across the rest. There are following distinguishing features– • N/A in A57: 17 features including key features like Speech to text, gesture-based navigation, voice recognition for accessing features/ dialing, text to speech, color inversion, screen reader etc. • N/A in OnePlus 10 Pro: 17 features including automatic/any key answering, predictive text, audible cues for charging/power/volume, configurable audios, max volume control etc.
	OnePlus 10 Pro	750	
	OnePlus 10T	620	
	OnePlus 11	712	
	OPPO Reno10 Pro+ 5G	687	
	OPPO Reno11 Pro	500	
	OnePlus 11R	500	
	OPPO Reno10 Pro 5G	475	
	OnePlus 10R 5G	437	
	OPPO Reno10 5G	396	
	OnePlus Nord 3 5G	375	
	OnePlus Nord 2T 5G	362	
	OnePlus Nord CE 3 5G	312	
	OPPO F23	287	
	OPPO F21 Pro	262	
	OnePlus Nord CE 3 Lite 5G	250	
	OPPO A78 5G	237	
	OPPO A79 5G	231	
	OnePlus Nord CE 2 Lite 5G	225	
	OPPO Reno8 T 5G	160	
	OPPO A57	137	

Brand	Product	Indicative price *(in United States dollars)*	Accessibility features
Huawei	Huawei Mate 50 Pro	861	Across Mate 50 Pro, Nova 10 Pro, and Nova Y60. All three devices have 68/133 features, with the rest either unavailable or information across the same not available. There are following distinguishing features– • Audible cues and screen reader functions are not available in 50 Pro and Nova Y60 • Device coupling is not available in Noval Y60
	Huawei P30 Pro	900	
	Huawei Nova 10 Pro	546	
	Huawei P9	500	
	Huawei P30 Lite	287	
	Huawei Y9 2019	200	
	Huawei Y9 Prime 2019	200	
	Huawei Nova Y60	192	
VIVO	vivo X100	800	
	vivo V29 Pro	500	
	vivo V27 Pro	462	
	vivo V29	412	
	vivo V29e	333	
	vivo V27	309	
	vivo Y200 5G	275	
	vivo T2	212	
	vivo T2x	164	

Brand	Product		
Realme	realme 11 Pro Plus	350	
	realme 11 Pro	300	
	realme 11	219	
	realme Narzo 60 5G	197	
	realme 11x 5G	182	
	realme C67 5G	157	
	realme C55	156	
	realme Narzo 60X 5G	144	
	realme 10	137	
	realme C53	121	
Google	Google Pixel 7 Pro 5G	825	
	Google Pixel 7 5G	587	
	Google Pixel 7A	500	
	Google Pixel 4A	400	
	Google Pixel 6A	350	
	Google Pixel 3 XL	225	

Brand	Product		
Tecno	Tecno Phantom X2	462	
	Tecno Camon 20 Premier	312	
	Tecno Camon 20 Pro 256GB	274	
	Tecno Camon 20 Pro	250	
	Tecno Pova 5 Pro	187	
	Tecno Camon 20	162	
	Tecno Spark 10 Pro	150	
	Tecno Spark Go 2024	84	
	Tecno Pop 8	75	
Honor	Honor 90	475	
	Honor View 20	475	
	Honor 10	450	
	Honor 90 512GB	387	
	Honor X50i Plus	237	
	Honor 9N 64GB	187	
	Honor 9i	187	
	Honor 20i	175	
	Honor 9 Lite	162	
	Honor 7A	122	

Brand	Product		
Xiaomi	Xiaomi Redmi Note 13 Pro Plus 5G	400	
	Xiaomi Redmi Note 12 Pro Plus 5G	350	
	POCO X6 Pro	337	
	Xiaomi Redmi Note 13 Pro	325	
	POCO X6 5G 512GB	312	
	POCO X6 5G	275	
	Xiaomi Redmi Note 12 Pro 5G	262	
	POCO X5 Pro	256	
	Xiaomi Redmi Note 13	225	
	Xiaomi Redmi Note 12	194	
	POCO X5	186	
	Xiaomi Redmi 12 5G	150	
	Xiaomi Redmi Note 12 4G	150	
	POCO M6 Pro 5G	146	
	Xiaomi Redmi 13C 5G	137	
	POCO M6	129	
	Xiaomi Redmi 13C	100	
	POCO C65	100	
	POCO C55	81	
	POCO C51	72	

Wheelchairs

Exhibit 13: Wheelchairs Product Catalogue

(Listed in alphabetical order)

Manual All Terrain Wheelchair (fully adjustable) - regular use in rugged conditions or uneven surfaces without postural support need

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
CE Mobility[102]	Rough rider Offroad	4 wheel	4 sizes - 14", 16" 18", 19"	Foldable	Cushions sold separately	All-terrain		175
	MK2 ATW All Terrain Wheelchair	3 wheel	10" to 20"	Rigid frame		All-terrain		385

102 Product catalogue provided by CE Mobility [Link]

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Colours Wheelchair *(Part of Nissin group)*[103]	All Terrain	4 wheel	11” to 20”	Rigid, steel and aluminium Frame	Cushions are sold separately	Off-road active chair. Outdoor surfaces.	ISO7176, ISO9001, CE(MDR), and Passing 2 times drum testing with 130kg weight	Price change depending on the volume and warranty
	Cross Terrain	4 wheel	11 to 18”, 20”, 24"	Folding steel frame		Off-road and urban active chair.		160 – 180
DDO[104]	D-Rover	4 wheel	4 sizes	Aluminium frame	Yes	Regular use in rugged conditions or uneven surfaces by adult without postural support need	CE ISO 7176	
INTCO	INTCO ALL Terrain	4 wheel	5 sizes: 12” – 20” hip width	Rigid, tubular steel	Yes	Regular use in rugged conditions or uneven surfaces by adult and children without postural support need	ISO 13485, ISO 7176, CE	

103 Information provided by Colours
104 Information provided by DDO

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Motivation	Motivation Children's Active	3 wheel	1 size: (30 cm) hip width	Rigid, tubular steel	Yes	Regular use in rugged conditions or uneven surfaces by children without complex postural support needs	ISO 14001, ISO 13845, ISO 7176	
	Motivation Rough Terrain	3 wheel	4 sizes: 14.2" – 18.9" hip width	Rigid, tubular steel	Yes	Regular use in rugged conditions or uneven surfaces by adult without postural support need	ISO 13485, ISO 14001, CE, ISO 7176	
	Pioneer Folding 3-wheeler	3 wheel	4 sizes: 360, 400, 440, 480 mm	Folding	Yes	Folding three-wheel design that delivers stable and easy propulsion over both even and uneven ground without compromising indoor maneuverability	ISO 13485, ISO 14001, CE, ISO 7176	

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Participant Assistive Products[105]	Wildbeest	4 wheel	6 sizes – 9.84" to 19.69"	Aluminium foldable seat	Can be sold separately	Optimal for rough terrain	ISO 9001, ISO 13485, CE MDR, JIS, TGA, ISO 7176, 2X on double drum durability test - 400,000 cycles, ISWP Caster Test - Pass	Discounted Social Impact price for LMIC and NGOs
	Cub	4 wheel + All Terrain Accessory 5th wheel	7 ½" to 14 ⅜"	Aluminium frame foldable		45° tilt with squeeze handle release. Folds for transport in small vehicles. Expands as the child grows. Serves children with postural support and mobility needs. Capable on rough terrain	ISO 9001, ISO 13485, CE MDR, JIS, TGA, KEBS, ISO 7176	Discounted Social Impact price for LMIC and NGOs
Permobil[106]	TiLite ZR	4 wheel	10" – 20"	Titanium m ono-tube rigid frame		Ideal for full assistance across various environments	ISO 13845	
	TiLite TRA	4 wheel	12" – 20"	Titanium dual-tube rigid frame		Can be customized for use as Urban / All Terrain wheelchair	ISO 13845	
	TiLite ZRA	4 wheel	10" – 20"	Titanium mono-tube rigid frame		Designed for versatile outdoor use	ISO 13845	

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Permobil *(cont.)*	TiLite Aero T	4 wheel	12” – 20”	Aluminium dual-tube rigid frame		All-terrain wheelchair	ISO 13845	
	TiLite Aero Z	4 wheel	10” – 20”	Aluminium mono-tube rigid frame		Suits diverse terrains	ISO 13845	
	TiLite Aero X	4 wheel	12” – 22”	Aluminium folding frame		Customizable and suitable for different terrain conditions	ISO 13845	
	TiLite 2GX	4 wheel	12” – 22”	Titanium folding frame		Customizable and suitable for different terrain conditions	ISO 13845	
	TiLite Twist	4 wheel	8” – 15”	Aluminium mono-tube rigid frame		Pediatric wheelchair for both urban settings and accommodating diverse terrains	ISO 13845	
	TiLite Pilot	4 wheel	8” – 15”	Carbon/ aluminium rigid frame		Pediatric wheelchair for both urban and all-terrain environments and more challenging outdoor spaces	ISO 13845	
	TiLite TR	4 wheel	12” – 20”	Titanium dual-tube rigid frame		Ideal for users seeking full assistance in urban environments or navigating diverse terrains	ISO 13845	

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Rough Rider America[107]	Roughrider	4 wheel	5 sizes: 12.5” – 18.5” hip width	Folding X-brace frame	Yes	Regular use indoor or outdoor in rugged conditions or uneven surfaces by teenagers, adults, adults over 65 without postural support needs	FDA, ISO 9000, CE, ISO 7176	895 plus shipping and handling
	Roughrider Aurora	4 wheel	4 sizes: 14.0” – 18.5” hip width	Folding X-brace frame, aluminium frame	Yes	Regular use indoor or outdoor in rugged conditions or uneven surfaces by teenagers, adults, adults over 65 without postural support needs	ISO 13485, CE, ISO 7176	1695 plus shipping and handling

107 Clasp product catalogue [Link]

Urban-Semi Urban Wheelchair

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
CE Mobility	Rainbow	4 wheel	18”	Steel folding		Ideal for indoor use	CE	190
	Rollability MK2 Econo	4 wheel	10” – 20”	Rigid lightweight steel frame		Mag wheels not spoke		385
	Rollability MK2	4 wheel	10” – 20”	Rigid lightweight steel frame		Spoke wheels		770
	Rollability MK4	4 wheel	10” – 20”	Rigid lightweight aluminium		Mag wheels not spoke		1000
	Cruiser	4 wheel	10” – 20”	Mild steel folding frame	Available to be sold separately	Easy to fold and transport		205
	MK2 Kiddies Rollability	4 wheel	10” – 14”	Rigid lightweight steel frame		Built for active children and is pretty customizable		385

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Colours Wheelchair *(A part of Nissin Group)*[108]	Standard	4 wheel	11” – 23”	Folding, steel frame	Cushion is sold separately	Regular use, and transportation. Additional postural support device is available.	ISO7176, ISO9001, CE(MDR), Passing 2 times drum testing with 130kg weight	Price change depending on the volume and warranty
	Active	4 wheel	11” – 23”	Rigid, available in steel & aluminium frame	Cushion is sold separately	Urban active chair, and transportation. Additional postural support device is available	ISO7176, ISO9001, CE(MDR), Passing 2 times drum testing with 130kg weight	Price change depending on the volume and warranty
	Razorblade[109]	4 wheel	14" – 18"	Rigid aluminium frame		Urban Active wheelchair, Compact Frame Design		3100
	Shockblade	4 wheel	14" – 18"	Rigid aluminium frame		Urban Active wheelchair, Independent Rear Suspension Unit		5200
	Zephyr	4 wheel	14" – 20"	Rigid aluminium frame		Urban Active wheelchair, Ultra Lightweight with 3/4 “Tubing		4900

108 Information provided by Colous
109 Note: There is also a Razorblade junior version whose primary users are kids)

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Colours Wheelchair *(A part of Nissin Group) (cont.)*	Saber[110]	4 wheel	14" – 19"	Rigid aluminium frame		Urban Active wheelchair, Adjustable		2700
	Paediatric Active	4 wheel	10” – 16”	Rigid steel frame	Sold Separately	Urban pediatric active chair, and transportation. Additional postural support devices are available	ISO7176, ISO9001, CE(MDR), Passing 2 times drum testing with 75kg weight	160 – 180
DDO	DX Basic	4 wheel	5 sizes 14" – 20"	Steel frame	Present	The D-Xbasic is an active four-wheel folding frame wheelchair designed for the urban environment in low resourced settings	ISO 7176 CE	
	DX Junior	4 wheel	2 sizes 12" – 14"	Steel frame	Present	The D-Xjunior is an active four-wheel folding frame wheelchair designed for children in low resourced settings	ISO 7176 CE	

110 Note: There is also a Saber junior version whose primary users are kids

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
DDO *(cont.)*	D Pronto	4 wheel	3 sizes 16.0" , 18.0", 20.0"	Rigid frame	Present	The D-Pronto is a light adult active style four-wheel rigid frame wheelchair designed with freedom of movement and maneuverability in mind. D-Pronto offers a smooth ride for urban environment	ISO 7176 CE	
	D Ultra Light Adult Rigid	4 wheel	5 sizes - 15" – 18"	Rigid	Present	The D-Lite is an ultralight adult active style four-wheel rigid frame wheelchair designed with freedom of movement and maneuverability in mind. D-Lite offers a smooth ride for urban environment	ISO 7176	

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
DDO *(cont.)*	D Ultra Light Adult Folding	4 wheel	5 sizes - 15" – 18"	Folding	Present	The D-XLite is an ultralight adult active wheelchair with minimalist style folding frame normally expected from a rigid wheelchair. Its compact folding dimensions make it easy to fold and transport	ISO 7176, CE	
INTCO	INTCO Active	4 wheel	5 sizes: 12” – 20” hip width	Steel tube, rigid	Present	Active children and adults without postural support needs who regularly use a wheelchair in urban or semi-urban environments	ISO 13485, ISO 7176, CE	

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Invacare[111]	Tracer EX2	4 wheel	3 sizes 16.0", 18.0", 20.0"	Carbon steel frame	Yes	Ideal for urban mobility		680
	Invacare 9000 SL	4 wheel	3 sizes 16", 18", 20"	Carbon steel frame		The urban-focused Wheelchair		1187
	Invacare 9000 XT	4 wheel	14" – 20", 22"	Information not available		Ideal for diverse urban mobility.		1355
	Invacare Tracer SX5 Recliner	4 wheel	14" – 22"	Carbon steel frame		Versatile lightweight option for urban mobility		1410
	Invacare Tracer 4 Heavy Duty	4 wheel	18" – 24"	Carbon steel frame		Ideal for heavier individuals seeking a durable mobility solution for everyday urban use		1568

111 Invacare product catalogue [Link]

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
MOTIVATION	Active Folding	4 wheel	4 sizes: 14.2” – 18.9” hip width	Steel folding X-Brace frame	Present	Wide castors are shock absorbing for a smoother ride over bumpy terrain Intended for use indoors or outdoors This wheelchair can be folded to facilitate storage and transportation	ISO 13485, ISO 7176, CE	
	Active Rigid	4 wheel	3 sizes: 16” – 20” hip width	Rigid frame made from aluminium	Present	Active adults without postural support needs who regularly use a wheelchair in an urban location	ISO 7176, ISO9001	
Participant Assistive Products	Springbok	4 wheel	6 sizes- 9.84” – 19.69”	Aluminium, foldable seat	Available to be sold separately	Active daily use, transport in small vehicles	ISO 9001, ISO 13485, CE MDR, Tested ISO 7176 complete, JIS, 2X on double drum durability test - 400,000 cycles, ISWP Caster Test - Pass	Discounted Social Impact price for LMIC and NGOs

Manufacturer	Product	Wheels	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Permobil[112]	TiLite Cr1	4 wheel	13” – 18”	Carbon rigid frame		For smooth maneuvering in urban settings, city environments.	ISO 13845	
ShonaquipSE	SullyActive	4 wheel	8” – 12”	Foldable	Foam pressure care cushion and waterproof cover, with or without abduction block	Robust posture support seating system for active children who self-propel, enables users to safely access various terrains. Includes all accessories such as variety of back systems, variety of headrests and tray tables as well as center of gravity and tilt adjustments easy to add or adjust to allow for more or less posture support. Easy to adjust as the child grows, and designed to accommodate multiple users over a period of years as children grow	ISO13485, ISO 7176-19:2008+A1:2015., CE	974

112 Permobil product catalogue [Link]

For Postural Support

Manufacturer	Product	Wheel type	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
CE Mobility[113]	CE Pacer Full Recliner	4 wheel	10” – 20”	Foldable	Sold separately	Ideal as a temporary or permanent solution for those who require a fully reclining backrest and head support in a wheelchair that folds		705
	Chillax Positioning	4 wheel	17” / 19”	Rigid	Sold separately	A rigid postural support wheelchair that offers 20° of tilt as well as backrest recline. The elevating footrests can be adjusted from 90 to 180°. A contoured padded seat and backrest; padded side guard, adjustable headrest and elevating footrests with padded calf pad form a truly comfortable and secure posture chair		1389
	CE Semi -Recliner	4 wheel	10” – 20”	Foldable	Sold separately	Ideal as a temporary or permanent solution for those who require a reclining backrest and head support		375

113 CE Mobility product catalogue [Link]

Manufacturer	Product	Wheel type	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
DDO[114]	Whiz Kid	Information not available	Information not available	Information not available	Information not available	Combines two great products to create the perfect mobility solution for disabled children (and adults) with postural support needs. Attaches the D-Seat, designed by DDO to Whirlwind's acclaimed RoughRider® all-terrain wheelchair, making it easy for children to push themselves, or be pushed, over ground that would be difficult or impossible to traverse in standard wheelchair		
	D-Combi	4 wheel	8" – 14"	Steel foldable frame	Information not available	A fully adjustable versatile seating system designed for children in low-resourced settings. The seating system includes great features that are offered by the combination of the wheeled base with built-in tilt-in-space feature and the full range of modular proven Postural Support Devices (PSD)	ISO7176, ISO16840 (PSD), CE	

114 Information provided by DDO

Manufacturer	Product	Wheel type	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
DDO *(cont.)*	D-Seat		12” – 18”		Information not available	Postural support device that addresses the demand for an Intermediate level product that meets the needs of those who require a combination between existing basic wheelchairs and postural support devices		
Momentum Wheels for Humanity	Liberty 2	4 wheel	3 sizes - 11” – 14”	Rigid steel frame		Children with postural support and mobility needs	ISO 13485, ISO 7176	
MOTIVATION	Moti Go	3 wheel	6.7” – 11.4” / 5.9” – 12.6”	Rigid		Intended for children who require postural support to sit up straight, for good postural health and improved physiological function	ISO 9000, ISO 13845, CE	
	Moti Start	4 wheel	5.5” – 9.4”	Folding frame plywood	Solid seat with adjustable ischial-shelf cushion	Small children who need postural support during daily activities	ISO 9000, ISO 13845, CE	

Manufacturer	Product	Wheel type	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
Participant Assistive Products[115]	Cub	4 wheel + All Terrain Accessory 5th wheel	7.5” – 14 8”	Folding, aluminium seat frame folds		45° tilt with squeeze handle release. Folds for transport in small vehicles. Expands as the child grows. Serves children with postural support and mobility needs. Capable on rough terrain	CE MDR, TGA, JIS, KEBS, ISO 13485 ISO 7176 JIS ISO 9001, ISO 13485	Discounted Social Impact price for LMIC and NGOs
ShonaquipSE	SullyActive	4 wheel	8” – 12”	Foldable; can be used with Shonaquip powerbase	Foam pressure care cushion and waterproof cover, with or without abduction block	Robust posture support seating system for active children who self-propel, enables users to safely access various terrains. Includes all accessories such as variety of back systems, variety of headrests and tray tables as well as center of gravity and tilt adjustments easy to add or adjust to allow for more or less posture support. Easy to adjust as the child grows, and designed to accommodate multiple users over a period of years as children grow.	ISO13485, ISO 7176-19:2008+ A1:2015, CE	974

Manufacturer	Product	Wheel type	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
ShonaquipSE *(cont.)*	SamActive	4 wheel	12” – 20”	Foldable; seating system can be used with Shonaquip self-propelling or powerbase	Foam pressure care cushion and waterproof cover, with or without abduction block	Rugged posture support seating system for older children and adults who self-propel, enables users to safely access rough terrain. Includes all accessories such as variety of back systems, variety of headrests and tray tables as well as center of gravity and tilt adjustments easy to add or adjust to allow for more or less posture support. Easy to adjust as the user grows, robust enough to be used for multiple users over time when it gets outgrown.	ISO13485,	974
	Madiba2Go and Madiba2Go Active	4 wheel	7” – 12”	Foldable once buck removed; can be used with Shonaquip powerbase	Foam thick pressure care cushion and waterproof cover, with or without abduction block	Rigid modular posture support seat for users with intermediate or advanced support needs with detachable base frame – choice of either attendant propelled or active frame. Includes head support, tray and all PSD’s Posture support components are easily adjustable as the user grows.	ISO13485, CE 7176-19:2008+ A1:2015	917 attendant propelled) / 997 (active base)

Manufacturer	Product	Wheel type	Sizes	Frame	Pressure relief cushion	Use	Quality	Indicative price *(in United States dollars)*
ShonaquipSE *(cont.)*	Madiba Buggy	4 wheel	7.5” – 17”	Rigid, buck removable; can be used with Shonaquip powerbase	Foam thick pressure care cushion and waterproof cover, with or without abduction block	Posture support seating system for attendant-propelled users, on either a rigid or foldable frame. Posture support components are adjustable by adapting interior high density foam components as users’ needs or size changes. Includes head supports, lap tray and PSD’s Removable washable covers	ISO13485,	820
	Tess back system	Information not available	8” – 20”	Rigid modular back system	Information not available	Rigid modular back system that can fit onto most standard back posts; can be used to easily add posture support to a basic folding frame or active device	ISO13485, ISO 16840-3 : 2014, CE	295