

# ROYAL SCOOTER SPEC CHART

	Part #	71103 - 71104 - 71105	71110	71505	71504
	Part Description	Royal Guard II Scooter	Royal Knight Scooter	Royal Scout II Dirt Scooter	Royal Scout Pro II Dirt Scooter
	Style	Freestyle / Park / Street	Freestyle / Park / Street	Dirt	Dirt
	Rider Level	Entry / Intermediate	Intermediate / Advanced	Entry / Intermediate	Advanced
OVERALL	Overall Weight	3.6 (kg)	3.7 (kg)	5.7 (kg)	5.9 (kg)
		7.9 (lb)	8.1 (lb)	12.5 (lb)	12.9 (lb)
	Overall Length	64.5 (c)	64.5 (c)	86.1 (c)	88.1 (c)
		25.4 (in)	25.4 (in)	33.9 (in)	34.7 (in)
Axle to Axle Length	54.5 (c)	54.5 (c)	66.1 (c)	68.1 (c)	
	21.5 (in)	21.5 (in)	26. (in)	26.8 (in)	
DECK / NECK	Material	6061-T6 Aluminum	6061-T6 Aluminum	6061-T6 Aluminum	6061-T6 Aluminum
	Deck Extrusion Profile	Box	Box	Gen 2	Gen 2
	Deck Concave	2mm	2mm	R=1000mm / 3.3 Degrees	R=1000mm / 3.3 Degrees
	Deck Foot Space - Length	32.4 (c)	32.4 (c)	35.6 (c)	37.6 (c)
		12.8 (in)	12.8 (in)	14. (in)	14.8 (in)
	Deck Foot Space - Width	11.2 (c)	11.2 (c)	12.4 (c)	12.4 (c)
		4.4 (in)	4.4 (in)	4.9 (in)	4.9 (in)
	Neck Extrusion Profile	Irregular Hexagonal	Irregular Hexagonal	"X" Neck	"X" Neck
	Headtube Angle	83	83	82	82
	Coating	Powder Coat	Powder Coat	Powder Coat	Anodize
	Graphics	Decal	Decal	Decal	Decal
Grip Tape	100 Girt - Black	80 Girt - Gold Flake	80 Girt - Black	Coarse 46 Girt - Black	
BARS	Material	6061-T6 Aluminum	CrMo	6061-T6 Aluminum	CrMo
	Shape	"Y"	"T/Y"	"Y"	"Y"
	Height	570mm	590mm	650mm	500mm
	Width	520mm	520mm	520mm	560mm
	Outside Diameter	1.40" (35.5mm)	Oversize (34.9mm)	1.40" (35.5mm)	1.25" (31.9mm)
	Inside Diameter	1.13" (28.6mm)	1.25" (31.9mm)	1.13" (28.6mm)	1.13" (28.6mm)
	Grips	Flangeless	Flangeless	Ribbed	Ribbed / Flangeless
FORKS	Style	Classic	Classic	Vanguard Tubular	Scout Pro / Tubular
	Material	High Tensile Steel	High Tensile Steel	High Tensile Steel	CrMo
	Threaded / Threadless?	Threaded	Threadless	Threaded	Threadless
	Steer Tube Length	20.0 (c)	16.3 (c)	20.0 (c)	16.3 (c)
		7.9 (in)	6.4 (in)	7.9 (in)	6.4 (in)
HEADSET	Brand	Neco	Neco	Neco	Royal Crown
	Threaded / Threadless?	Threaded	Threadless	Threaded	Threadless
	Compression	Threaded	SCS	Threaded	SCS
	Style (Cup vs. Integrated)	Conventional Cup	Conventional Cup	Conventional Cup	Integrated
	Cup Material	Steel	Steel	Steel	N/A
	Bearing Type	Ball / Retainer	Ball / Retainer	Ball / Retainer	Sealed ACB - 45/45 - 41.8mm
WHEELS	Tire Style	Smooth	Smooth	MBS Roadie	T3
	Tire Size	100mm	100mm	200x50 (8")	200x50 (8")
	Tire Material	Cast PU - High Rebound - 88A	Cast PU - Super High Rebound - 88A	Rubber	Rubber
	Air Filled?	No	No	Yes	Yes
	Max Pressure	N/A	N/A	40 psi	60 psi
	Hub Style	5 Spoke	Spoked Aluminum Core	MBS FiveStar	Rock Star Pro
	Hub Material	Plastic	6061-T6 Aluminum	Plastic	6061-T6 Aluminum
	Axle Diameter	8mm	8mm	3/8" (9.5mm)	3/8" (9.5mm)
	Bearing Size	8mm i.d. x 22mm o.d.	8mm i.d. x 22mm o.d.	9.5mm i.d. x 28mm o.d.	9.5mm i.d. x 28mm o.d.
OTHER	ABEC Rating	ABEC 5	ABEC 5	ABEC 5	ABEC 5
	Hardware Type	Steel	Steel	Steel	Steel
	Brake Style	Pivot	Flex	Dirt Flex	Dirt Flex