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2024 AMA Racing Minicycles/Motorcycles

For questions, please contact
 mxracing@ama-cycle.org

Manufacturer Model	Beta RR125	Beta RR125 Race Edition	Beta 450	COBRA CXE50JR	COBRA CX50 P3	COBRA CX50 JR
Model Year	2023	2023	2024	2024	2024	2024
Bore	54 mm	54 mm		n/a	39 mm	39 mm
Stroke	54.5 mm	54.5 mm		n/a	41.7 mm	41.7 mm
Displacement	124.8cc	124.8cc		n/a	49.8cc	49.8cc
Cylinder Liner	Nikasil	Nikasil		Electric	Nikasil	Nikasil
Carburetion	Keihin	Keihin		1.0 KW	Dell'Orto 12 mm restrictor	Dell'Orto 19 mm w/14 mm restrictor
Transmission	6 Gears	6 Gears		Single Auto	Single Auto	Single Auto
Front Suspension Travel	KYB 48 mm / 11.6 in	KYB 48 mm / 11.6 in		C.A.R.D. 32 mm / 8.3 in	C.A.R.D. 32 mm / 5.1 in	C.A.R.D. 32 mm / 6.7 in
Rear Suspension Travel	Sachs / 11.4 in	Sachs / 11.4 in		C.A.R.D. / 9.8 in	C.A.R.D. / 5.1 in	C.A.R.D. / 6.7 in
Wheelbase	58.1 in	58.1 in		41 in	35 in	36 in
Overall Length	85.3 in	85.3 in		55 in	51 in	52 in
Front Wheel Size	21 in	21 in		12 in	10 in	10 in
Rear Wheel Size	18 in	18 in		10 in	10 in	10 in
Seat Height	36.6 in	36.6 in		26 in	21.9 in	23.9 in
Class 1 51cc Limited 4-6				No	Yes	Yes
Class 2 51cc Limited 7-8				No	Yes	Yes
Class 3 51cc Limited 4-8 (O.I.)				No	No	No
Class 4 51cc Limited 4-8 Single or Multispeed Auto				No	Yes	No
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals				Charger		

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Manufacturer Model	COBRA CX50 SR/King	COBRA CX50 FEW	COBRA CX65	DRR DB50 JR	DRR DB 90 SR	DRR DR-X EV Enduro
Model Year	2024	2024	2024	2024	2024	2024
Bore	39 mm	39 mm	44.5 mm	40 mm	52 mm	n/a
Stroke	41.7 mm	41.7 mm	41.7 mm	39.2 mm	42 mm	n/a
Displacement	49.8cc	49.8cc	64.9cc	49.3cc	89.2cc	n/a
Cylinder Liner	Nikasil	Nikasil	Nikasil	N/A	N/A	Electric
Carburetion	Dell'Orto 19 mm	Dell'Orto 19 mm	Mikuni 26 mm	PWK 21 mm	PWK 28 mm	5BAH
Transmission	Single Auto	Single Auto	6 Gears	CVT	CVT	4 Gears
Front Suspension Travel	C.A.R.D. 32 mm / 8.3 in	C.A.R.D. 32 mm / 8.3 in	C.A.R.D. 37 mm / 8.7 in	DRR DNM gas charged mono shock 63 mm travel	DRR DNM 7.5 in travel	RTC / T17 41 mm
Rear Suspension Travel	C.A.R.D. / 9.8 in	C.A.R.D. / 9.8 in	C.A.R.D. / 9.6 in	DRR DNM gas charged mono shock 50 mm travel	DRR DNM remote gas charged 7.75 in travel	RTC / 17 single shock
Wheelbase	39 in	41 in	44.5 in	40 in	40 in	57.1 in
Overall Length	55 in	55 in	63.5 in	58.5 in	58.5 in	83.1 in
Front Wheel Size	12 in	12 in	14 in	10 in	10 in	21 in
Rear Wheel Size	10 in	10 in	12 in	7 in	7 in	18 in
Seat Height	26.8 in	26.1 in	30 in	25 in	23.4 in.	34.2 in
Class 1 51cc Limited 4-6	No	No		Yes	No	
Class 2 51cc Limited 7-8	Yes	Yes		Yes	Yes	
Class 3 51cc Limited 4-8 (O.I.)	No	No		No	No	
Class 4 51cc Limited 4-8 Single or Multispeed Auto	No	No		Yes	No	
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals						Charger

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Manufacturer Model	GAS GAS E Bike	GAS GAS MC50	GAS GAS MC65	GAS GAS MC85	GAS GAS MC 85 Big Wheel
Model Year	2024	2024	2024	2024	2024
Bore	n/a	39.5 mm	45.0 mm	47.0 mm	47.0 mm
Stroke	n/a	40.0 mm	40.8 mm	48.95 mm	48.95 mm
Displacement	n/a	49cc	64.9cc	84.9cc	84.9cc
Cylinder Liner	Electric	N/A	Plated	Plated	Plated
Carburetion	21Ah/907.Wh	Dell'Orto 19 mm	Mikuni 24 mm	Keihin 28 mm	Keihin 28 mm
Transmission	Single Auto	Single Auto	6 Gears	6 Gears	6 Gears
Front Suspension Travel	XACT WP AER 35 / 8.7 in	XACT WP AER 35 / 205 mm	XACT WP USD 35 / 205 mm	XACT WP USD 43 / 278 mm	XACT WP USD 43 / 278 mm
Rear Suspension Travel	XACT WP Single Shock / 7.2 in	XACT WP Single Shock / 185 mm	XACT WP 3614 BAVP / 10.63 in	XACT WP 4618 BAVP DCC / 305 mm	XACT WP 4618 BAVP DCC / 305 mm
Wheelbase	40.6 in	40.63 in	44.76 in	50.79 in	50.79 in
Overall Length		N/A	N/A	N/A	N/A
Front Wheel Size	12 in	12 in	14 in	17 in	19 in
Rear Wheel Size	10 in	10 in	12 in	14 in	16 in
Seat Height	26.2 in	26.2 in	29.53 in	35 in	35 in
Class 1 51cc Limited 4-6	No	No			
Class 2 51cc Limited 7-8	No	Yes			
Class 3 51cc Limited 4-8 (O.I.)	No	No			
Class 4 51cc Limited 4-8 Single or Multispeed Auto	No	No			
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals	Charger				

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Manufacturer Model	GAS GAS MC125	GAS GAS MC250 F	GAS GAS MC350 F	GAS GAS MC450 F	HONDA CRF150R	HONDA CRF250R
Model Year	2024	2024	2024	2024	2024	2024
Bore	54.0 mm	78 mm	88 mm	95.0 mm	66 mm	79 mm
Stroke	54.5 mm	52.3 mm	57.5 mm	63.4 mm	43.7 mm	50.9 mm
Displacement	124.8cc	249cc	349.7cc	449.9cc	149cc	249cc
Cylinder Liner	Plated	Plated	Plated	Plated	Chrome Nikasil	Chrome Nikasil
Carburetion	Mikuni 38 mm	Keihin EFI 44 mm	Keihin EFI 44 mm	Keihin EFI 44 mm	Keihin 32 mm	Keihin EFI 44 mm
Transmission	6 Gears	5 Gears	5 Gears	5 Gears	5 Gears	5 Gears
Front Suspension Travel	XACT WP AER 48 / 310	XACT WP AER 48 / 310	XACT WP AER 48 / 310	XACT WP AER 48 / 310	Showa Inverted Cartridge 37 mm / 9.5 in	Showa SPG Coil- spring fork 49 mm / 12.2 in
Rear Suspension Travel	XACT WP 5018 DCC / 300 mm	XACT WP 5018 DCC / 300 mm	XACT WP 5018 DCC / 300 mm	XACT WP 5018 DCC / 300 mm	Showa Pro-Link / 10.7 in	Showa Pro-Link / 12.3 in
Wheelbase	58.46 in	58.85 in	58.85 in	58.46 in	49.6 in	58.1 in
Overall Length	N/A	N/A	N/A	N/A	72.1 in	85.7 in
Front Wheel Size	21 in	21 in	21 in	21 in	17 in	21 in
Rear Wheel Size	19 in	19 in	19 in	19 in	14 in	19 in
Seat Height	37.4 in	37.4 in	37.4 in	37.4 in	32.8 in	37.8 in
Class 1 51cc Limited 4-6						
Class 2 51cc Limited 7-8						
Class 3 51cc Limited 4-8 (O.I.)						
Class 4 51cc Limited 4-8 Single or Multispeed Auto						
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Manufacturer Model	HONDA CRF450R	HONDA CRF450RWE	Husqvarna EE-5	Husqvarna TC 50	Husqvarna TC 65	Husqvarna TC 85
Model Year	2024	2024	2024	2024	2024	2024
Bore	96 mm	96 mm	n/a	39.5 mm	45 mm	47 mm
Stroke	62.1 mm	62.1 mm	n/a	40.0 mm	40.8 mm	48.95 mm
Displacement	449cc	449cc	n/a	49cc	64.9cc	84.9cc
Cylinder Liner	Chrome Nikasil	Chrome Nikasil	Electric	N/A	N/A	N/A
Carburetion	Keihin EFI 46 mm	Keihin EFI 46 mm	21Ah / 907.Wh	Dell'Orto 19 mm	Mikuni 24 mm	Keihin PWK 28 mm
Transmission	5 Gears	5 Gears	Single Auto	Single Auto	6 Gears	6 Gears
Front Suspension Travel	Showa Inverted Fork 49 mm / 12.2 in	Showa Inverted Fork 49 mm / 12.2 in	XACT WP AER 35 / 8.7 in	XACT WP AER 35 / 8.1 in	XACT WP AER 35 / 8.46 in	XACT WP USD 43 mm Air-spring fork 10.94 in
Rear Suspension Travel	Showa Pro-Link / 12.4 in	Showa Pro-Link / 12.4 in	XACT WP Single Shock / 7.2 in	XACT WP Single Shock / 7.3 in	XACT WP Single Shock / 10.63 in	XACTWP Single Shock / 12.01 in
Wheelbase	58.3 in	58.3 in	40.6 in	40.63 in	44.76 in	50.79 in
Overall Length	85.9 in	85.9 in		N/A	N/A	N/A
Front Wheel Size	21 in	21 in	12 in	12 in	14 in	17 in
Rear Wheel Size	19 in	19 in	10 in	10 in	12 in	14 in
Seat Height	37.7 in	37.7 in	26.2 in	26.2 in	29.53 in	34.07 in
Class 1 51cc Limited 4-6			No	No		
Class 2 51cc Limited 7-8			No	Yes		
Class 3 51cc Limited 4-8 (O.I.)			No	No		
Class 4 51cc Limited 4-8 Single or Multispeed Auto			No	No		
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Manufacturer Model	Husqvarna TC 85 Big Wheel	Husqvarna TC 125	Husqvarna TC 250	Husqvarna FC 250	Husqvarna FC 250 Rockstar	Husqvarna FC 350
Model Year	2024	2024	2024	2024	2024	2024
Bore	47 mm	54 mm	66.4 mm	78 mm	78 mm	88 mm
Stroke	48.95 mm	54.5 mm	72 mm	52.3 mm	52.3 mm	57.5 mm
Displacement	84.9cc	124.8cc	249cc	249.9cc	249.9cc	349.7cc
Cylinder Liner	N/A	N/A	N/A	N/A	N/A	N/A
Carburetion	Keihin PWK 28 mm	Mikuni 38 mm	Mikuni 38mm	Keihin EFI 44 mm	Keihin EFI 44 mm	Keihin EFI 44 mm
Transmission	6 Gears	6 Gears	5 Gears	5 Gears	5 Gears	5 Gears
Front Suspension Travel	XACT WP USD 43 mm Air-spring fork 10.94 in	XACT WP AER 48 / 310 mm	XACT WP AER 48 / 310 mm	XACT WP AER 48 / 310 mm	XACT WP AER 48 / 310 mm	XACT WP AER 48 / 310 mm
Rear Suspension Travel	XACTWP Single Shock / 12.01 in	XACT WP Single Shock / 300 mm	XACT WP Single Shock / 300 mm	XACT WP Single Shock / 300 mm	XACT WP Single Shock / 300 mm	XACT WP Single Shock / 300 mm
Wheelbase	50.79 in	58.5 in	58.5 in	58.5 in	58.5 in	58.5 in
Overall Length	N/A	N/A	N/A	N/A	N/A	N/A
Front Wheel Size	19 in	21 in	21 in	21 in	21 in	21 in
Rear Wheel Size	16 in	19 in	19 in	19 in	19 in	19 in
Seat Height	35.04 in	37.4 in	37.4 in	37.4 in	37.4 in	37.4 in
Class 1 51cc Limited 4-6						
Class 2 51cc Limited 7-8						
Class 3 51cc Limited 4-8 (O.I.)						
Class 4 51cc Limited 4-8 Single or Multispeed Auto						
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Manufacturer Model	Husqvarna FC 450	Husqvarna FC 450 Rockstar	KAWASAKI KX65	KAWASAKI KX85	KAWASAKI KX112	KAWASAKI KXF250
Model Year	2024	2024	2024	2024	2024	2024
Bore	95 mm	95 mm	44.5 mm	48.5 mm	52.5 mm	78 mm
Stroke	63.4 mm	63.4 mm	41.6 mm	45.8 mm	51.6 mm	52.2 mm
Displacement	449.9cc	449.9cc	64cc	84cc	112cc	249cc
Cylinder Liner	N/A	N/A	Electrofusion	Electrofusion	Electrofusion	Nikasil
Carburetion	Keihin EFI 44 mm	Keihin EFI 44 mm	Mikuni 24 mm	Keihin PWK28 mm	Keihin PWK28 mm	Keihin DFI 44 mm
Transmission	5 Gears	5 Gears	6 Gears	6 Gears	6 Gears	5 Gears
Front Suspension Travel	XACT WP AER 48 / 310 mm	XACT WP AER 48 / 310 mm	KYB 33mm Conventional / 8.3 in	KYB 36mm Inverted Telescopic / 10.8 in	KYB 36mm Inverted Telescopic / 10.8 in	SHOWA 48mm SFF Type 2 Fork / 12.4 in
Rear Suspension Travel	XACT WP Single Shock / 300 mm	XACT WP Single Shock / 300 mm	KYB Single Shock / 9.4 in	KYB Single Shock / 10.8 in	KYB Single Shock / 10.8 in	SHOWA Single Shock / 12.4 in
Wheelbase	58.5 in	58.5 in	44.1 in	49.8 in	51.6 in	58.5 in
Overall Length	N/A	N/A	62.6 in	72 in	75.6 in	85.8 in
Front Wheel Size	21 in	21 in	14 in	17 in	19 in	21 in
Rear Wheel Size	19 in	19 in	12 in	14 in	16 in	19 in
Seat Height	37.4 in	37.4 in	22.9 in	32.7 in	34.3 in	37.4 in
Class 1 51cc Limited 4-6						
Class 2 51cc Limited 7-8						
Class 3 51cc Limited 4-8 (O.I.)						
Class 4 51cc Limited 4-8 Single or Multispeed Auto						
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Manufacturer Model	KAWASAKI KXF250XC	KAWASAKI KXF450	KAWASAKI KXF450XC	KAWASAKI KXF450SR	KTM SX-E-5	KTM 50 SX Mini	KTM 50 SX
Model Year	2024	2024	2024	2024	2024	2024	2024
Bore	78 mm	96 mm	96 mm	96 mm	n/a	39.5 mm	39.5 mm
Stroke	52.2 mm	62.1 mm	62.1 mm	62.1 mm	n/a	40.0 mm	40.0 mm
Displacement	249cc	449cc	449cc	449cc	n/a	49.0cc	49.0cc
Cylinder Liner	Nikasil	Nikasil	Nikasil	Nikasil	Electric	Plated	Plated
Carburetion	Keihin DFI 44 mm	Keihin DFI 44 mm	Keihin DFI 44 mm	Keihin DFI 44 mm	21Ah/907.Wh	Dell'Orto 12 mm	Dell'Orto 19 mm
Transmission	5 Gears	5 Gears	5 Gears	5 Gears	Single Auto	Single auto	Single Auto
Front Suspension Travel	SHOWA 48mm SFF Type 2 Fork / 12.4 in	SHOWA Coil Spring Inverted Fork / 12 in	SHOWA Coil Spring Inverted Fork / 12 in	SHOWA Coil Spring Inverted Fork / 12 in	XACT WP AER 35 / 8.7 in	XACT 35 WP USD 35 mm	XACT WP USD 35 / 205
Rear Suspension Travel	SHOWA Single Shock / 12.4 in	SHOWA Single Shock / 12.1 in	SHOWA Single Shock / 12.1 in	SHOWA Single Shock / 12.1 in	XACT WP Single Shock / 7.2 in	XACT WP / 6.7 in	XACT WP 3614 BAEM / 7.2 in
Wheelbase	58.3 in	58.5 in	58.5 in	58.5 in	40.6 in	35.98 in	40.63 in
Overall Length	85.4 in	86 in	86 in	86 in		N/A	N/A
Front Wheel Size	21 in	21 in	21 in	21 in	12 in	10 in	12 in
Rear Wheel Size	18 in	19 in	18 in	19 in	10 in	10 in	10 in
Seat Height	37.2 in	37.6 in	37.4 in	37.6 in	26.2 in	21.97 in	26.2 in
Class 1 51cc Limited 4-6					No	Yes	No
Class 2 51cc Limited 7-8					No	Yes	Yes
Class 3 51cc Limited 4-8 (O.I.)					No	Yes	No
Class 4 51cc Limited 4-8 Single or Multispeed Auto					No	Yes	No
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals							

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Manufacturer Model	KTM 50 SX Factory Edition	KTM 65 SX	KTM 85 SX	KTM 85 SX Big Wheel	KTM 125 SX	KTM 250 SX	KTM 250 SXF
Model Year	2024	2024	2024	2024	2024	2024	2024
Bore	39.5 mm	45.0 mm	47.0 mm	47.0 mm	54.0 mm	66.4 mm	78.0 mm
Stroke	40.0 mm	40.8 mm	48.95 mm	48.95 mm	54.5 mm	72.0 mm	52.3 mm
Displacement	49.0cc	64.9cc	84.9cc	84.9cc	124.8cc	249cc	249.9cc
Cylinder Liner	Plated	Plated	Plated	Plated	Plated	Plated	Plated
Carburetion	Dell'Orto 19 mm	Mikuni 24 mm	Keihin 28 mm	Keihin 28 mm	Mikuni 38 mm	Mikuni 38 mm	Keihin EFI 44 mm
Transmission	Single Auto	6 Gears	6 Gears	6 Gears	6 Gears	5 Gears	5 Gears
Front Suspension Travel	XACT WP USD 35 / 8.7 in	XACT WP USD 35 / 10.94 in	XACT WP USD 43 / 10.94 in	XACT WP USD 43 / 10.94 in	XACT WP USD 48 / 310 mm	XACT WP USD 48 / 310 mm	XACT WP 48 / 310 mm
Rear Suspension Travel	XACT WP 3614 BAEM / 7.2 in	XACT WP 3614 BAVP / 12 in	XACT WP 12 in	XACT WP 12 in	XACT WP 300 mm	XACT WP 300 mm	XACT WP 300 mm
Wheelbase	40.63 in	44.76 in	50.79 in	50.79 in	58.5 in	58.5 in	58.5 in
Overall Length	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front Wheel Size	12 in	14 in	17 in	19 in	21 in	21 in	21 in
Rear Wheel Size	10 in	12 in	14 in	16 in	19 in	19 in	19 in
Seat Height	26.2 in	29.53 in	34.05 in	35.03 in	37.4 in	37.4 in	37.4 in
Class 1 51cc Limited 4-6	No						
Class 2 51cc Limited 7-8	Yes						
Class 3 51cc Limited 4-8 (O.I.)	No						
Class 4 51cc Limited 4-8 Single or Multispeed Auto	No						
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals							

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Manufacturer Model	KTM 350 SXF	KTM 450 SXF	KTM 450 SXF Factory Edition	SUZUKI RM85	SUZUKI RM-Z250	SUZUKI RM-450
Model Year	2024	2024	2024	2024	2024	2024
Bore	88.0 mm	95.0 mm	95.0 mm	48 mm	77.0 mm	96.0 mm
Stroke	57.5 mm	63.4 mm	63.4 mm	46.8 mm	53.6 mm	62.1 mm
Displacement	349.7cc	449.9cc	449.9cc	84.7cc	249cc	449cc
Cylinder Liner	Plated	Plated	Plated	SCEM	SCEM	SCEM
Carburetion	Keihin EFI 44 mm	Keihin EFI 44 mm	Keihin EFI 44 mm	Keihin PE28	Keihin 44 mm EFI	Keihin 44 mm EFI
Transmission	5 Gears	5 Gears	5 Gears	6 Gears	5 Gears	5 Gears
Front Suspension Travel	XACT WP 48 / 310 mm	XACT WP 48 / 310 mm	XACT WP 48 / 310 mm	Showa Telescopic / 10.8 in	KYB Inverted Telescopic / 12.2 in	Showa Inverted Telescopic / 12.2 in
Rear Suspension Travel	XACT WP 300 mm	XACT WP 300 mm	XACT WP 300 mm	Showa 10.9 in	KYB 12.2 in	Showa 12.2 in
Wheelbase	58.5 in	58.5 in	58.5 in	48.8 in	58.4 in	58.3 in
Overall Length	N/A	N/A	N/A	71.1 in	85.4 in	86.2 in
Front Wheel Size	21 in	21 in	21 in	17 in	21 in	21 in
Rear Wheel Size	19 in	19 in	19 in	14 in	19 in	19 in
Seat Height	37.4 in	37.4 in	37.4 in	33.5 in	37.6 in	37.8 in
Class 1 51cc Limited 4-6						
Class 2 51cc Limited 7-8						
Class 3 51cc Limited 4-8 (O.I.)						
Class 4 51cc Limited 4-8 Single or Multispeed Auto						
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Manufacturer Model	TM MX85	TM MX85 Factory Edition	TM MX112	TM MX125	TM MX144	TM MX250
Model Year	2023	2023	2023	2023	2023	2023
Bore	47.95 mm	47.95 mm	52 mm	54 mm	56 mm	66.4 mm
Stroke	47 mm	47 mm	52.6 mm	54.50 mm	58.2 mm	72 mm
Displacement	84.83cc	84.83cc	111.8cc	124.7cc	143.3cc	249cc
Cylinder Liner	N/A	N/A	n/a	N/A	N/A	N/A
Carburetion	Keihin 28 mm	Keihin 28 mm	Keihin 38 mm	Keihin 38 mm	Keihin 38 mm	Keihin 38 mm
Transmission	6 Gears	6 Gears	6 Gears	6 Gears	6 Gears	5 Gears
Front Suspension Travel	MUPO-38MM 11 in	MUPO-38MM 11 in	MUPO-38MM 11 in	KYB SSS Fork 48 mm 12.4 in	KYB SSS Fork 48 mm 12.4 in	KYB SSS Fork 48 mm 12.4 in
Rear Suspension Travel	Extreme Tech Single Shock 11.4 in	Extreme Tech Single Shock 11.4 in	Extreme Tech Single Shock 11.4 in	TM Racing Factory Single Shock / 11.8 in	TM Racing Factory Single Shock / 11.8 in	TM Racing Factory Single Shock / 11.8 in
Wheelbase	51 in	51 in	51 in	58.2 in	58.2 in	58.3 in
Overall Length	76.7 in	76.7 in	76.7 in	85.8 in	85.8 in	85.6 in
Front Wheel Size	17 in	17 in	19 in	21 in	21 in	21 in
Rear Wheel Size	14 in	14 in	16 in	19 in	19 in	19 in
Seat Height	34.6 in	34.6 in	34.6 in	37.7 in	37.7 in	38.1 in
Class 1 51cc Limited 4-6						
Class 2 51cc Limited 7-8						
Class 3 51cc Limited 4-8 (O.I.)						
Class 4 51cc Limited 4-8 Single or Multispeed Auto						
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals						

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Manufacturer Model	TM MX250Fi	TM MX300	TM MX300 Fi	TM MX450 Fi	Yamaha PW50	Yamaha TTR50	Yamaha WR450
Model Year	2023	2023	2023	2023	2024	2024	2024
Bore	77 mm	72 mm	81 mm	95 mm	40 mm	36 mm	97.0 mm
Stroke	53.6 mm	72 mm	58.1 mm	63.4 mm	39.2 mm	48.6 mm	60.8 mm
Displacement	249cc	293cc	299.4cc	449cc	49cc	49cc	449cc
Cylinder Liner	N/A	N/A	N/A	N/A	Steel	Steel	Nikasil
Carburetion	Keihin 41 mm	Keihin 38 mm	Keihin 41 mm	Keihin 41 mm	Mikuni 12mm	Mikuni 11mm	Mikuni YFI 44mm
Transmission	6 Gears	5 Gears	6 Gears	5 Gears	Shaft	3 Gears	5 Gears
Front Suspension Travel	KYB SSS Fork 48 mm 12.4 in	KYB SSS Fork 48 mm 12.4 in	KYB SSS Fork 48 mm 12.4 in	KYB SSS Fork 48 mm 12.4 in	YMHS Conventional 2.4 in.	YMHS Conventional 3.8 in.	Kayaba Inverted Fork 12.2 in.
Rear Suspension Travel	TM Racing Factory Single Shock / 11.8 in	TM Racing Factory Single Shock / 11.8 in	TM Racing Factory Single Shock / 11.8 in	TM Racing Factory Single Shock / 11.8 in	YMHS Dual Shock / 2.0 in.	YMHS Dual Shock / 2.8 in.	Kayaba Single Shock / 12.5 in.
Wheelbase	58.3 in	58.3 in	58.3 in	58.3 in	33.7 in.	36.4 in.	58.3 in.
Overall Length	85.6 in	85.6 in	85.6 in	85.6 in	49 in.	51.4 in.	85.8 in.
Front Wheel Size	21 in	21 in	21 in	21 in	10 in.	10 in.	21 in.
Rear Wheel Size	19 in	19 in	19 in	19 in	10 in.	10 in.	19 in.
Seat Height	38.1 in	38.1 in	38.1 in	38.1 in	19.1 in.	21.9 in.	37.6 in.
Class 1 51cc Limited 4-6					Yes		
Class 2 51cc Limited 7-8					Yes		
Class 3 51cc Limited 4-8 (O.I.)					Yes		
Class 4 51cc Limited 4-8 Single or Multispeed Auto					Yes		
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals							

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For questions, please contact
 mxracing@ama-cycle.org

Manufacturer Model	Yamaha YZ65	Yamaha YZ85	Yamaha YZ85LW	Yamaha YZ125	Yamaha YZ125 50th Edition	Yamaha YZ125X	Yamaha YZ250
Model Year	2024	2024	2024	2024	2024	2024	2024
Bore	43.5 mm	47.5 mm	47.5 mm	54 mm	54 mm	54 mm	66.4 mm
Stroke	43.6 mm	47.8 mm	47.8 mm	54.5 mm	54.5 mm	54.5 mm	72 mm
Displacement	65cc	85cc	85cc	124cc	124cc	124cc	249cc
Cylinder Liner	Nikasil	Nikasil	Nikasil	Nikasil	Nikasil	Nikasil	Nikasil
Carburetion	Keihin PWK 28 mm	Keihin PWK 28 mm	Keihin PWK 28mm	Keihin 38mm	Mikuni TMX 38mm	Mikuni TMX 38mm	Keihin 38mm
Transmission	6 Gears	6 Gears	6 Gears	6 Gears	6 Gears	6 Gears	5 Gears
Front Suspension Travel	KYB Inverted Fork 8.5 in	KYB Inverted 10.8 in	KYB Inverted 10.8 in.	Kayaba Inverted 11.8 in.	Kayaba Inverted 11.8 in.	Kayaba Inverted 12.2 in.	Kayaba Inverted Fork 11.8 in.
Rear Suspension Travel	KYB Single Shock 10.6 in	KYB Single Shock / 11.1 in	KYB Single Shock / 11.1 in.	Kayaba Single Shock / 12.4 in.	Kayaba Single Shock / 12.4 in.	Kayaba Single Shock / 12.5 in.	Kayaba Single Shock / 12.4 in.
Wheelbase	45.0 in	49.5 in	50.6 in.	56.8 in.	56.8 in.	57.3 in.	58.5 in.
Overall Length	63.5 in	71.7 in	74.6 in.	84.1 in.	84.1 in.	84.3 in.	85.7
Front Wheel Size	14 in	17 in	19 in.	21 in.	21 in.	21 in.	21 in.
Rear Wheel Size	12 in	14 in	16 in.	19 in.	19 in.	19 in.	19 in.
Seat Height	29.5 in	33.1 in	34.8 in.	38.6 in.	38.6 in.	37.6 in.	38.4 in.
Class 1 51cc Limited 4-6							
Class 2 51cc Limited 7-8							
Class 3 51cc Limited 4-8 (O.I.)							
Class 4 51cc Limited 4-8 Single or Multispeed Auto							
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals							

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Manufacturer Model	Yamaha YZ250F	Yamaha YZ250F 50th Edition	Yamaha YZ250FX	Yamaha YZ450F	Yamaha YZ450F 50th Edition	Yamaha YZ450FX
Model Year	2024	2024	2024	2024	2024	2024
Bore	77.0 mm	77.0 mm	77.0 mm	97.0 mm	97.0 mm	97.0 mm
Stroke	53.6 mm	53.6 mm	53.6 mm	60.8 mm	60.8 mm	60.8 mm
Displacement	249cc	249cc	249cc	449cc	449cc	449cc
Cylinder Liner	Nikasil	Nikasil	Nikasil	Nikasil	Nikasil	Nikasil
Carburetion	Mikuni YFI 44mm	Mikuni YFI 44mm	Mikuni YFI 44mm	Mikuni YFI 44mm	Mikuni YFI 44mm	Mikuni YFI 44mm
Transmission	5 Gears	5 Gears	5 Gears	5 Gears	5 Gears	5 Gears
Front Suspension Travel	Kayaba Inverted Fork 12.2 in.	Kayaba Inverted Fork 12.2 in.	Kayaba Inverted Fork 12.2 in.	Kayaba Inverted Fork 12.2 in.	Kayaba Inverted Fork 12.2 in.	Kayaba Inverted Fork 12.2 in.
Rear Suspension Travel	Kayaba Single Shock / 12.5 in.	Kayaba Single Shock / 12.5 in.	Kayaba Single Shock / 12.5 in.	Kayaba Single Shock / 12.5 in.	Kayaba Single Shock / 12.5 in.	Kayaba Single Shock / 12.5 in.
Wheelbase	58.5 in.	58.5 in.	58.5 in.	58.3 in.	58.3 in.	58.3 in.
Overall Length	86 in.	86 in.	86 in.	85.8 in.	85.8 in.	85.8 in.
Front Wheel Size	21 in.	21 in.	21 in.	21 in.	21 in.	21 in.
Rear Wheel Size	19 in.	19 in.	18 in.	19 in.	19 in.	18 in.
Seat Height	38.2	38.2	38.2	37.6 in.	37.6 in.	37.6 in.
Class 1 51cc Limited 4-6						
Class 2 51cc Limited 7-8						
Class 3 51cc Limited 4-8 (O.I.)						
Class 4 51cc Limited 4-8 Single or Multispeed Auto						
Accessories or extra parts included in bike purchase IE Pistons, mapping tools, Air box Manuals						

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