

MODELS

Table 1. Dimensions

ITEM	XL1200C CUSTOM		XL1200R ROADSTER	
	IN.	MM	IN.	MM
Wheel base	60.4	1534.2	60.0	1524
Overall length	90.3	2293.6	90.1	2288.5
Overall width	32.7	830.6	36.7	932.2
Road clearance	4.4	111.8	5.6	141
Overall height	45.7	1160.8	49.2	1249.7
Saddle height	26.3	668	28.1	713.7
ITEM	XL883		XL883C CUSTOM	
	IN.	MM	IN.	MM
Wheel base	60.0	1524	60.4	1534.2
Overall length	90.1	2288.5	90.3	2293.6
Overall width	32.7	830.6	32.7	830.6
Road clearance	5.6	141	4.4	111.8
Overall height	44.8	1137.9	45.7	1160.8
Saddle height	27.3	693.4	26.3	668

NOTE

Gross Vehicle Weight Rating GVWR (maximum allowable loaded vehicle weight) and corresponding Gross Axle Weight Ratings (GAWR) are given on a label located on the frame below the steering head.

Table 2. Weights

ITEM	XL1200C CUSTOM		XL1200R ROADSTER	
	LB.	KG	LB.	KG
Weight (as shipped from factory)	575	261	577	262
GVWR	1000	454	1001	454
GAWR front	329	149	335	152
GAWR rear	671	305	666	302
ITEM	XL883		XL883C CUSTOM	
	LB.	KG	LB.	KG
Weight (as shipped from factory)	574	261	579	263
GVWR	999	454	1001	454
GAWR front	335	152	335	152
GAWR rear	664	301	666	302

Table 3. Capacities

ITEM	XL883, XL1200R		XL883C, XL1200C	
	U.S.	LITERS	U.S.	LITERS
Fuel tank (total)	3.3 gal.	12.5	4.5 gal.	17.0
Fuel tank (reserve)	0.8 gal.	3.0	1.0 gal.	3.8
Oil tank w/filter	3.6 qt.	3.4	3.6 qt.	3.4
Transmission (approximate)	32 oz.	0.95	32 oz.	0.95

Table 4. Ignition

COMPONENT	SPECIFICATION
Timing setting	Not adjustable
Battery (sealed, maintenance free)	12 Volt 12 amp/hr., 200 cca

Table 5. Spark Plugs

SPARK PLUG	SPECIFICATION	
Type	HD-6R12	
Size	12 mm	
Gap	0.038-0.043 in.	0.97-1.09 mm
Torque	11-18 ft-lbs	14.9-24.4 Nm

Table 6. Engine

ENGINE	SPECIFICATION
Number of cylinders	2
Type	4-cycle, 45 degree V-Type, air cooled
Compression ratio XL883, XL883C	8.9-1
Compression ratio XL1200R and XL1200C	9.7-1

Table 7. Engine Specifications

ITEM	883 MODELS		1200 MODELS	
	IN.	MM	IN.	MM
Bore	3.00	76.20	3.50	88.85
Stroke	3.81	96.82	3.81	96.82
Displacement cu. in./cc	53.86/883		73.20/1200	

Table 8. Engine Torque

MODEL	TORQUE		
	FT-LBS	Nm	RPM
XL883, XL883C	51.0	69.0	@4300
XL1200C, XL1200R	79.0	107.0	@3500

Table 9. Transmission

TRANSMISSION	SPECIFICATION
Type	Constant mesh, foot shift
Speeds	5 forward

Table 10. Number of Sprocket Teeth (Primary Chain)

COMPONENT	883 MODELS U.S.	883 MODELS INTERNATIONAL	1200 MODELS ALL
Engine	34	38	38
Clutch	57	57	57

Table 11. Number of Sprocket Teeth

	883 MODELS ALL	1200 MODELS U.S.	1200 MODELS INTERNATIONAL
Transmission	28	29	30
Rear wheel	68	68	68

Table 12. Overall Gear Ratios

GEAR	883 MODELS U.S.	883 MODELS INTERNATIONAL	1200 MODELS U.S.	1200 MODELS INTERNATIONAL
1st	10.944	9.792	9.454	9.139
2nd	7.524	6.732	6.500	6.283
3rd	5.834	5.220	5.040	4.872
4th	4.806	4.301	4.152	4.014
5th	4.071	3.643	3.517	3.400