



SPECIFICATIONS, FX20

DIMENSIONS, SKID PACKAGE

	U.S.	METRIC
Length	109 in	2.77 m
Width	63 in	1.60 m
Height, top of primary shutoff	74 in	1.88 m
Weight:		
Dry	1594 lb	723 kg
Spoils tank full, water tank empty	2724 lb	1236 kg
Spoils tank empty, water tank full	2244 lb	1018 kg
Spoils tank full, water tank full	3374 lb	1530 kg

DIMENSIONS, S4S TRAILER PACKAGE

	U.S.	METRIC
Length	174 in	4.42 m
Width	86 in	2.18 m
Height, top of primary shutoff	93 in	2.36 m
Weight		
Dry	2576 lb	1168 kg
Spoils tank full, water tank empty	3583 lb	1625 kg
Spoils tank empty, water tank full	3160 lb	1433 kg
Spoils tank full, water tank full	4233 lb	1920 kg
Trailer GVWR	4500 lb	2041 kg
Weight, tongue		
Dry	406 lb	184 kg
Spoils tank full, water tank empty	303 lb	137 kg
Spoils tank empty, water tank full	660 lb	299 kg
Spoils tank full, water tank full	563 lb	255 kg
Axle rating, each	4500 lb	2041 kg

POWER

	U.S.	METRIC
Engine: Kohler CH740S		
Fuel: Unleaded gasoline		
Cooling medium: Air		
Fuel delivery: Carburetor		
Aspiration: Natural		
Number of cylinders: 2		
Displacement	44 in ³	725 mm ³
Bore	3.27 in	83 mm
Stroke	2.64 in	67 mm
Manufacturer's Gross Power Rating (SAE J1940)	27 hp	20.1 kW
Rated speed: 3600 rpm		
Fuel tank capacity	10 gal	38 L

VACUUM SYSTEM

	U.S.	METRIC
Two-lobe blower, calculated	540 ft ³ /min	15.3 m ³ /min
Drive type: Belt		
Vacuum, max.	15 inHg	381 mmHg
Displacement	543 cfm	15.3 m ³ /min
Hose size, standard	3 in	76 mm
Vacuum tank capacity	150 gal	568 L
Full opening rear door diameter	32 in	813 mm
Outlet valve size	4 in	102 mm
Tank inlet valve size	4 in	102 mm

Tank dump angle, fixed: 45°		
Primary shutoff, ball type	4 in	102 mm
Cyclonic filter trap capacity	4.5 gal	17 L
Filter type: Washable polyester		
Filter area	74 sq ft	6.9 m ²
Suction hose, 3	25 ft	7.6 m

WATER SYSTEM

	U.S.	METRIC
Water tank capacity	80 gal	303 L
Water pump flow	2.6 gpm	9.8 L/min
Water pump pressure, max.	3000 psi	207 bar
Pump clutch: Electric with auto declutch and low water shutdown feature		
Antifreeze system		
Hose length	50 ft	15.3 m

BATTERY

Group: 12V
 SAE reserve capacity rating: 41 min
 SAE cold crank rating @ 0° F (-18° C): 340 amps

NOISE LEVEL

Sound power: 110 dBa
 Sound pressure at operator ear 10' behind vacuum tank: 84 dBa

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. *Per SAE J1940.