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**AMPHIBIOUS
EXCAVATOR**

PP80A-XI PP150A-XI PP220A-XI PP300A-XI PP380A-XI

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Enhanced Flotation & Stability

- Low ground pressure design enables movement in soft and unstable surfaces.
- Can traverse through deep mud, silt, and wetlands.

Customization & Attachments

- Compatible with rakes, buckets, and cutting devices.
- Can be adapted for environmental restoration, dredging, and pipeline installation.

High Durability & Corrosion Resistance

- Built with reinforced steel and corrosion-resistant coatings.
- Designed to withstand harsh aquatic and swampy environments.

MAIN SPECIFICATIONS		PP80A-XI	PP150A-XI	PP220A-XI	PP300A-XI	PP380A-XI
Operating Weight	kg	11100	29800	36000	46800	51300
Rated Bucket Capacity	m³	0.34	0.55	1.0	1.4	1.6
Maximum Digging Force	kN	52.7	80.0	148.0	179.0	227.0
Swing Speed	rpm	11.2	12.0	10.7	9.4	10.5
Maximum Gradeability	°	35	35	35	35	35
ENGINE						
Model		YANMAR 4TNV98T	CUMMINS QSF3.8 / ISUZU 4BG1T	CUMMINS 6BTAA5.9 / QSB7.0 ISUZU 6BG1 / 4HK1	CUMMINS QSB7.0	CUMMINS 6LTAA8.9 ISUZU 6HK1
Rated Power	hp	73	115 / 95	178 / 168 / 160 / 180	230	328 / 258
Rated Speed	rpm	2200	2200	2000 / 2050 / 2150 / 2000	2000	2000
Emission		Euro III	Euro III / II	Euro II / III / II / III	Euro III	Euro III / III
HYDRAULIC SYSTEM						
Main Pump		POWERPLUS		KAWASAKI		
Maximum Flow	L/min	167	128 x 2	223 x 2	265 x 2	320 x 2
Working Pressure	MPa	27.5	34.3	34.3	34.3	37.3
SERVICE REFILL CAPACITY						
Fuel Tank	L	130	247	420	500	650
Hydraulic Tank	L	86	130	230	246	310
Engine Oil	L	11.5	17.5	22.0	24.0	47.0
Coolant	L	22.0	25.0	28.0	30.0	21.2
CABIN						
Type		An ergonomically designed sound proof cabin, enabling wide operational view, comes standard with designer upholstery, adjustable POWERPLUS mechanical suspension driver's seat, streamline dashboard, aircon and radio/mp3 player for extensive operations with well deserved comfort.				
DIMENSIONS						
Pontoon Length	mm	5500	7000	8560	10380	10380
Platform Ground Clearance	mm	1400	1790	2060	2050	2050
Total Height (Cabin)	mm	3270	3730	4050	4120	4055
Total Height (Boom)	mm	3050	3500	3800	3850	3850
Spud Length (Optional)	mm	-	5400	6000	6000	6000
Rear Swing Radius	mm	1755	2015	2800	3418	3525
Pontoon Gauge	mm	2100	2900	4190	4290	4290
Total Width (Pontoon)	mm	3000	4200	6000	6100	6100
Pontoon Width	mm	900	1300	1810	1810	1810
Ground Clearance	mm	600	900	1300	1300	1300
Pontoon Height	mm	1250	1645	1860	1850	1850
Cabin Width	mm	2260	2490	2780	3190	3190
WORKING RANGE						
Maximum Digging Reach	mm	6333	8309	9820	10170	11100
Maximum Digging Depth	mm	4038	5501	6525	7050	7370
Maximum Digging Height	mm	7400	9130	9770	9870	10720
Maximum Dumping Height	mm	5320	6680	7200	6966	7655

