

SPECIFICATION

JCB POTHOLEPRO
HYDRADIG



POTHOLE PRO

Area/day: 250m² Pothole repair: 8 minutes Repair/m²: £29.28



CUT. CROP. CLEAN.

The new JCB Pothole Pro is a unique 3 in 1 solution specifically designed to sort out any pothole repair or large reinstatement operations, efficiently, economically and permanently. Because it comes with 3 dedicated attachments to cut, crop and clean, there's no need for additional specialist equipment or extra manpower, saving you both time and money. And with a typical pothole repaired in 8 minutes, why compromise on a quick fix that won't last, when you can have quick and permanent? In fact, all you need to add, is the tar.

UNCOMPROMISING POTHOLE REPAIR.

Designed to work safely and efficiently in congested urban areas, the Pothole Pro prepares a pothole safely, in just 8 minutes - ready for reinstatement.



CUT FROM THE CAB.

From the cab, you can easily adjust the 600mm planer, with hydraulic depth and tilt control to improve safety and maximise performance.



CROP FOR REPAIRS THAT LAST.

Maximise the life of your pothole repair with the dedicated cropping tool, which provides a uniform hole profile that lasts.



CLEAN WITH ONE MACHINE.

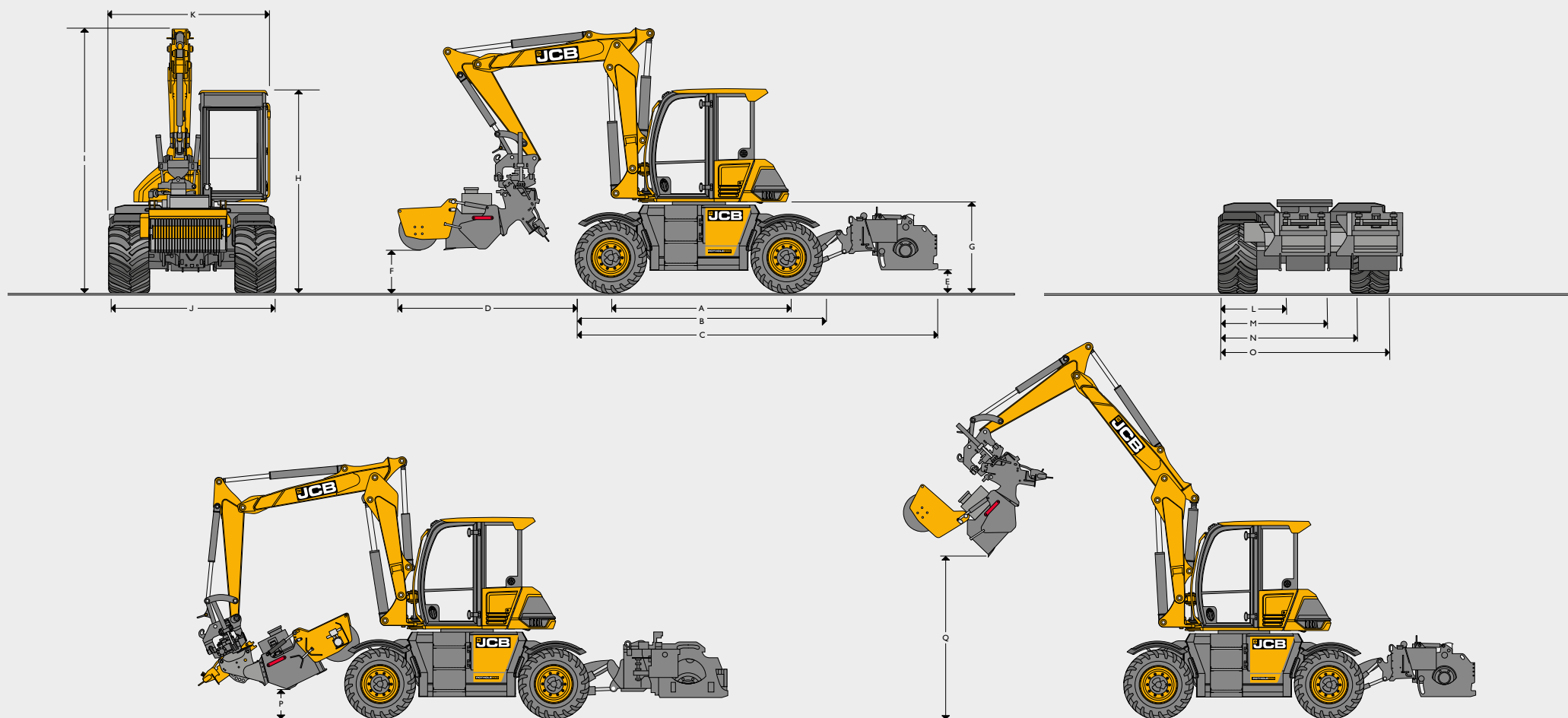
The 1200mm wide sweeper collector with dust suppression, enables you to prepare your pothole in a matter of minutes.



LOWEST COST PERMANENT REPAIR.

You can count on the JCB Pothole Pro to sort out any pothole repair or large reinstatement operations, efficiently, economically and permanently.

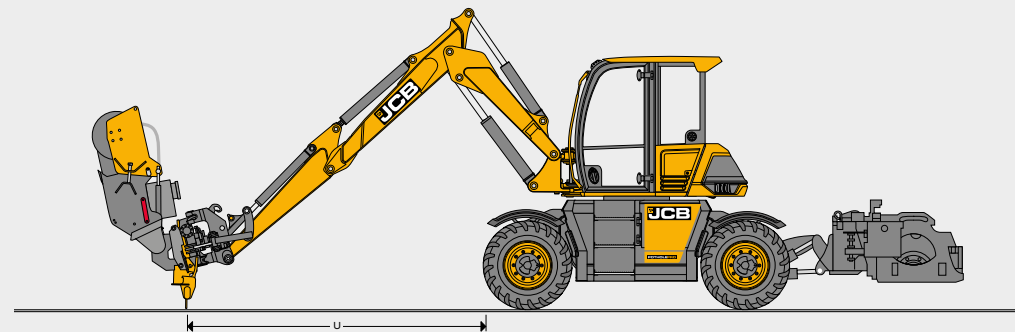
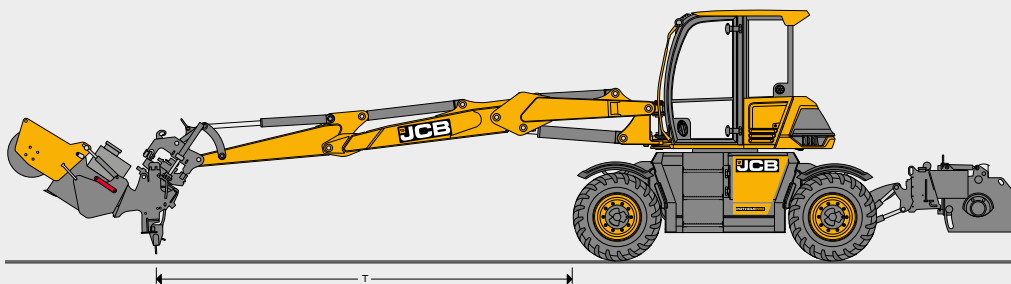
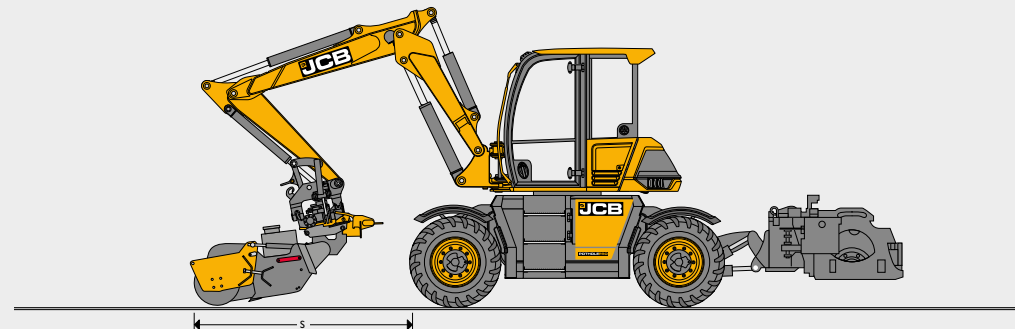
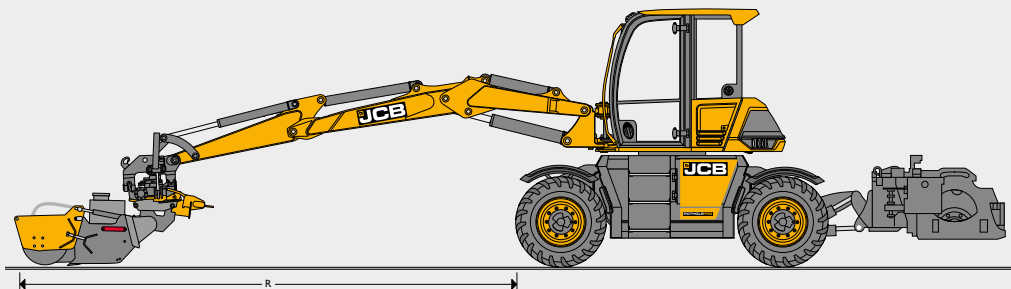
STATIC DIMENSIONS



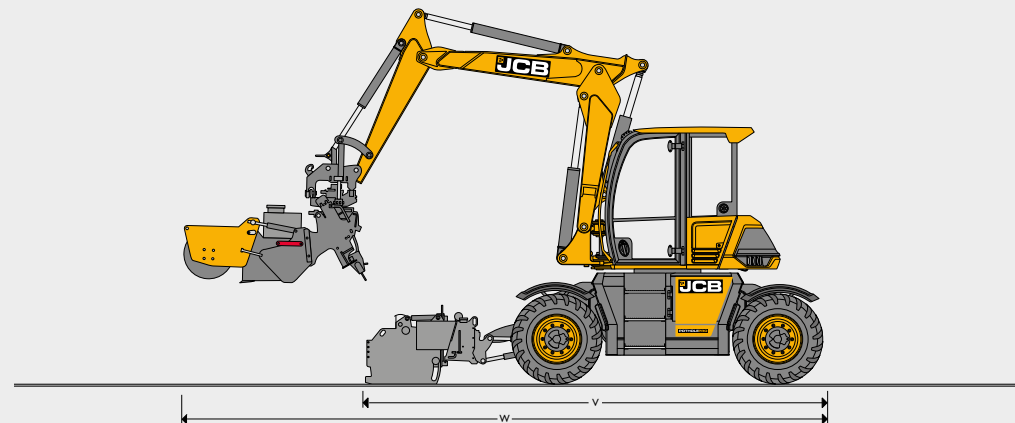
A	Wheel base	mm	2650
B	Length over tyres	mm	3750
C	Length over tyres and planer	mm	5490
D	Front transport length	mm	2275
E	Planer transport height	mm	350
F	Sweeper transport height	mm	463
G	Slew height	mm	1375
H	Cab height	mm	3040
I	Transport height	mm	3980

J	Width over tyres	mm	2500
	Width over tyres and cab	mm	2470
L	Planer max right off set	mm	970
M	Planer max right offset and cut	mm	1570
N	Planer max left off set	mm	2000
O	Planer max left offset and cut	mm	2600
P	Ground clearance of sweeper	mm	463
Q	Max dump @40 degree bucket tip	mm	2900

STATIC DIMENSIONS



R	Max working reach with sweeper	mm	6637
S	Min working reach with sweeper	mm	3029
T	Max reach with hammer	mm	5136
U	Min cropping distance	mm	3725
V	Max ground length planing	mm	5490
W	Sweeper position when planing	mm	7480
	Max over hang with planer	mm	1740
	Front axle / rear axle	Oscillating steering axle / rigid steering axle	
	Axles load capacity	tonnes	14
	Axles load oscillation	degrees	+/- 8
	Transmission	Hydrostatic drive via piston motor and stepless transmission	



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POTHOLE PRO

ENGINE	
Model	JCB EcoMAX 448 EU Stage V EPA compliant
Type	4-stroke, 4-cylinder in-line, common rail, direct injection, turbocharged and intercooled diesel
Rated power (ISO 14396)	81 kW (109 hp) @ 2200 rpm
Gross torque (ISO 14396)	516Nm @ 1450 rpm
Piston displacement	4.8 litres
Air filtration	Dry element with secondary safety element and in-cab warning sensor
Starting system	12 volt
Batteries	12 volt
Alternator	12 volt, 170 ampere

MAIN HYDRAULIC SYSTEM	
System	Electronically controlled system using two variable displacement piston pumps plus twin gear pumps for steering, brakes and cooling
Services pump	72cc variable displacement axial piston pump
Flow rate @ 2200rpm	158.4 l/min
Excavator main relief pressure	280 bar
Transmission pump	85cc variable displacement axial piston pump in a closed loop hydrostatic drive system independent from working hydraulics
Flow rate @ 2200rpm	187 l/min
Transmission absolute pressure	525 bar
Upper high flow auxiliary	
High flow auxiliary pressure	210 bar
High flow auxiliary max. flow	120 l/min
Upper low flow auxiliary	
Low flow auxiliary pressure	210 bar
Low flow auxiliary max. flow	60 l/min
Second low flow auxiliary pressure	210 bar
Second low flow auxiliary max. flow	60 l/min
Free line return	2 bar
Case drain line	0.5 bar
Lower high flow auxiliary	
High flow auxiliary pressure	280 bar
High flow auxiliary max. flow	150 l/min
Free line return	2 bar
Case drain line	0.5 bar
QRC on all hose connections	
Hydraulic cylinders	Hardened, chromed piston rods with end damping on boom raise and dipper in
Filtration	
In tank	125 micron suction strainer
Main return line	10 micron return line filter

SLEW SYSTEM	
Slew motor	Axial piston type
Slew brake	Hydraulic braking plus automatic spring applied disc type parking brake
Slew torque	27.0 kNm
Slew speed	8.9 rpm
Slew gear	11 tooth pinion / 84 tooth ring

TYRES	
Type	Floatation
Dimensions	600 x 40 - 22.5
Inflation pressure	6 Bar (87 Psi)
Ply/load rating	18

TURNING RADIUS	
To outside of tyre	4850
To outer edge of planer	5240

TRAVEL SPEED	
Max. roading speed	40 kp/h
Drawbar pull	45 kNm
Steering	Fully hydraulic system with 4-wheel steer, 2-wheel steer and crab steer

BRAKES	
Brakes	All hydraulic dual circuit brake system with positive brake back off
Parking brake	Dedicated park brake disc on rear axle input
Gradability	26.6° / 50% maximum continuous, 35° (up and down) or 17° (across)


SERVICE CAPACITIES		
Fuel tank	litres	157
Engine coolant	litres	28
Engine oil	litres	14
Hydraulic system	litres	190
Hydraulic tank	litres	130
Transmission (dropbox)	litres	1
Axle differentials (each)	litres	Front = 18, rear = 14
Axle hubs (each)	litres	2
DEF fluid capacity	litres	19

OPERATING WEIGHT		
Machine equipped with all attachments and 75kg operator, 154kg fuel and floatation tyres	kg	13350

SPECIFICATION		POTHOLE PRO	
ATTACHMENTS		POTHOLE PRO STANDARD FEATURES	
Cropping Tool		Single pivot chassis	
HM012T hammer		ENGINE	
400mm as standard		JCB EcoMAX 448 EU Stage V EPA compliant	
Mounted on the 360 Multitool		4.8 litre, 81kW @ 2200rpm, 516Nm @ 1450rpm	
Planer		Start pre heat (Grid Heater)	
Simex 600mm planer		One touch idle	
Mounted on a skid steer compatible hitch		Auto idle function	
Dust suppression		DOC and SCRF system	
Tilt 8 degrees either way		2x 12v 1000CCA Batteries	
Max cutting depth 170mm		Fuel filter with water separator	
Modes: floating or powered tilt		Electronic engine control	
Sideshift: 1.3m traverse to the kerb side		Engine auto stop	
QRC on all hydraulic connections		Fuel cooler	
Water drain down point included		SAFETY	
External water filter with easy clean filter		Battery isolator	
Standard 14-way skid steer electrical connector		Key	
Sweeper Collector		JCB 2GO	
Hydraulic powered brush 625mm diameter		Lockable fuel cap	
1200mm width		Hydraulic cap lock	
Hydraulic opening hood for bucket / collector mode		Full LED 2 x dipper 2 x boom 2 x cab front 2 x cab rear 2 x cab side	
0.3m cube shovel capacity		Rear camera	
Dust suppression through twin outlet water suppression ports		Fire extinguisher	
QRC on all hydraulic connections		ROPS and FOPS cab	
Drain down point included		Reverse alarm	
External water filter with easy clean filter		Rear fog lights	
Quick connect cable for water pump		Amber beacon	
		Full road light and mirrors	
		CONTROLS AND FEATURES	
		Side exit exhaust	
		40 kph transmission	
		Reverse steering system	
		Hogarth 46 hydraulic oil	
		4 wheel fenders	
		Full belly guards	
		JCB LiveLink	
		Rear trailer electrics	
		Smooth ride system	
		Cruise control	
		5 tonne lifting link	
		Cesar data tag	
		EH proportional control	
		Two wheel, four wheel and crab steering options	
		ATTACHMENTS	
		4 line tilt - rotator (Steelwrist)	
		S45 to skid steer dipper hitch	
		HM120 hammer with 600 mm blade	
		600mm sideshifting planer	
		SC120 sweeper collector shovel	
		CAB	
		Sound insulated and 4 shock mounted cab	
		Deluxe high back fabric air suspension seat with heated base	
		Height adjustable arms	
		Sliding window	
		Immobiliser	
		7" colour display	
		Front up and over window with removable lower section	
		Dual front wiper	
		Media port	
		Rain visor	
		Number plate prov	
		Radio kit	
		Locking park brake	
		3" Hi Vis seat belt	
		Climate control	
		Momentary park brake & locking brake pedal	
		Travel speed indicator	
		Highway and site mode	
		Enhanced tilt-rotator controls	
		Rear wash wipe	
		Internal storage container	

LIFT CAPACITIES: 1.65M WITHOUT ATTACHMENTS											TAB
Reach	3m		4m		5m		6m		Capacity at Max Reach		
											
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
4.5m	1827*	1827*	2105*	2105*	1767*	1422	-	-	1516*	1030	5964
3.0m	-	-	2566*	1886	1954*	1358	1512*	1018	1384*	878	6518
1.5m	-	-	2913*	1725	2147*	1276	1625*	983	1395*	845	6632
0m	-	-	2691*	1688	2024*	1242	1500*	971	1230*	909	6339
-1.0m	2789*	2789*	2250*	1719	1695*	1256	-	-	1042*	1042*	5887

 Lift capacity front and rear.

 Lift capacity full circle.

- Notes:
- For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
 - Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
 - Lift capacities assume that the machine is on firm, level ground.
 - Lift capacities may be limited by local regulations. Please refer to your dealer.



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