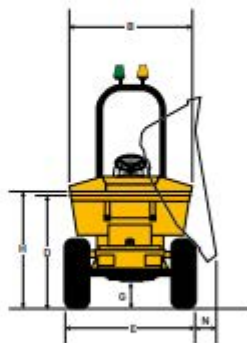


3 Tonne Power Swivel

DIMENSIONS & SPECIFICATIONS - MACH2073



(mm)

A	3934	N	388
B	1638	P	4100
C	1981		
D	1456		
E	1650		
F	1950		
G	337		
H	1581		
I	1042		
J	751		
K	546		
L	2841		
M	3180		

Weight	Unladen	2200 kg
	Shipping	2108 kg

Capacities	Max safe load	3000 kg
	Heaped	1640 litres
	Struck	1210 litres
	Water	990 litres

Engine

- Yanmar 3TNV88-BWWA, water-cooled, 3-cylinder water cooled direct-injection diesel
- Power 18.1 kW/24.3 bhp at 2000 rpm
- Torque 107 Nm (78.9 lbf ft)

Noise Levels

- Operator's ear B4 LpA / airborne level 101 LwA

Transmission

- Heavy-duty gearbox, three forward, one reverse gears
- Heavy duty clutch and transfer reduction box

Speeds	1	3.8 km/h (2.36 mph)
	2	8.7 km/h (5.4 mph)
	3	16.2 km/h (10.0 mph)
	Reverse	4.2 km/h (2.6 mph)

Brakes and Axles

- Totally enclosed multiplate oil-immersed discs mounted on rear axle & auto wear adjustment
- Hand operated parking brake (SAHR)

Kinglink Chassis

- Constructed from folded steel plate, with three point Kinglink giving articulation and oscillation for better stability, traction and safety on site

Skip

- Hydraulically operated, 6 mm steel plate all round
- Skip mouth & sides reinforced with box sections
- Power Swivel skip enables a 180° rotation

Seating & Controls

- Adjustable suspension seat with high-vis seat belt
- LED warning lights for all critical functions

Service Access

- Lockable engine cover for ground level service points
- Diesel and hydraulic tanks positioned low permitting access to the filler caps

Electrics

- Wiring harness contained within conduits and all electrical components water resistant to IP65/67 standards.

Steering and Hydraulics

- Hydraulic power steering
- Return line filtration for all services
- Hydraulic test point fitted as standard

Tank Capacities

Fuel	24.5 litres
Hydraulic	25.0 litres

Turning Circle

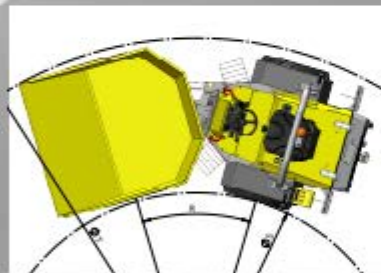
9.2m

Standard Equipment

- LED Beacons
- Towing bracket
- Reverse alarm

Optional Equipment

- Full LED road lighting incl. DRL (Daylight Running Lights)
- Road mirrors
- Wheel nut indicator

SW
19 30**STATIC DIMENSIONS**
in mm

A	2000
B	4106
C	955
D	873
E	1436
F	2823
G	1914
H	2848
J	3112
L	1730
M	288
N	1385
P	1722
Q	186
S	5009
T	8700
U	522
V	558

CAPACITY:

Max. safe load:	3000kg
Unladen Weight:	2430kg
Heaped:	1663L
Struck:	1242L
Water:	910L

ENGINE:

Make	Kubota 3 Cyl water cooled
Model	D1105
Displacement:	1.1 L
Max. power:	18.2kW/24.4bhp @ 3000 rpm
Max. torque:	72Nm @ 2200 rpm
Fuel:	Diesel
Emissions to:	(EU) 2016/1628 & Tier 4 US EPA & CARB

TRANSMISSION:

Switchable twin mode hydrostatic CVT
Permanent 4-wheel drive

DRIVE CHARACTERISTICS:

Forward / Reverse	0-20 km/h / 0-12.5 mph
Steering angle:	+/- 33°
Turning Circle:	6.7m
Gradeability:	50%
Tyres (Traction Profile):	11.5/80-15.3 12PR
Steering:	Priority load sensing hydrostatic centre pivot
Working brakes:	Multi-plate oil immersed discs mounted on front axle
Park brake:	Hand operated (SAHR) spring applied hydraulically released

NOISE LEVELS:

LWA	101dB(A)
LPA	80dB(A)

TANK CAPACITIES:

Fuel:	40L
Hydraulic:	34L

SKIP:

Hydraulically operated skip tipping to 77.5°
Heavy duty fully welded skip with high tensile sides 6 mm base
Reinforced with Domex steel around top for greater strength
Operated by a multi axis joystick for increased performance

ELECTRICAL:

Battery: 075E 12V, 550CCA, 60Ah
Wiring harness in protective sleeving with auxiliary outputs

HYDRAULICS:

Automotive control hydrostatic pump
Hydraulic test points fitted as standard
Easy access return oil filter on top of tank

SEATING & CONTROLS:

Adjustable suspension seat accessible from both sides
Clear access across dumper
High definition steps and handrails
Super bright instrument display
Steel constructed centre console for extra leg protection
Column mounted directional control lever
Anti-slip floor

SERVICE ACCESS:

Easy access for service/ maintenance
Lockable hinged engine bay doors
Battery mounted inside the engine bay

STANDARD EQUIPMENT:

Flashing amber beacon
Reversing alarm
Recovery hitch



NC Engineering (Hamiltonsbawn) Ltd
2 Killyrudden Road
Hamiltonsbawn,
Co. Armagh
Northern Ireland
BT61 9SF
Tel: +44 (0) 28 38 871970
Fax: +44 (0) 28 38 870362
E-Mail: sales@nc-engineering.com
Web: www.nc-engineering.com