

KENT MACHINES LTD

E: enquiries@kentmachines.co.uk | T: 01732 884 551

JME 28Z EXCAVATOR



DIMENSIONS

Overall length 4050mm
 Overall width 1540mm
 Overall height(to top of boom)..... 1380mm
 Overall height(to top of cab) 2360mm
 Counter weight ground clearance485mm
 Min. Ground clearance255mm

ENGINE & TRAVEL SYSTEM

ModelYanmar 3TNV80F(Euro 5 ,EPA)
 Travel motors LTM03CJ Plunger Double Speed
 Support roller quantities..... 2x3
 Carrier roller quantities 2x1
 Travel shoes..... No
 Travel speedHigh speed 4.3km/h, Low
 Drawbar pulling force speed 14.2kN
 Gradeability58%(300)
 Track shoes thickness.....Rubber track
 65mm Steel track 72mm

HYDRAULIC SYSTEM

Pump..... TAIFENG Plunger Pump
 TypeLoad Sensitive
 Max. discharge flow 62 (L/min)
 Max. discharge pressure:
 Boom Arm & Bucket21 MPa
 Travel circuit 12 V
 Swing circuit..... 12 V
 Control circuit..... 12 V
 Pilot control pump 4 MPA
 Main control valves 21 Mpa
 Oil cooler Air cooled type

SWING SYSTEM

NACHI

TRAVEL SYSTEM

Travel motors LTM03CJ Plunger double speed
 Support roller quantities..... 2x3
 Carrier roller quantities 2x1
 Travel shoes..... No
 Travel speedHigh speed: 4.3km/h
 Low spee: 2.3km/h
 Drawbar pulling force..... 14.2kN
 Gradeability 58%(30°)
 Track shoes thickness..... Rubber track 65mm
 Steel track 72mm

CAB & ELECTRICAL SYSTEM

Cab Sunroof
 Voltage 12V
 Batteries 1x12V
 Battery capacity 45Ah
 Outer diameter/inner diameter/piston rod diameter
 Boom cylinderΦ90 x Φ75 x Φ40 *S455-L785
 Arm cylinder Φ85 x Φ70 x Φ40 *S492-L765
 Bucket cylinder Φ75 x Φ50 x Φ35 *S426-L670

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Kent Machines Ltd. Borough Green Road Wrotham, Sevenoaks Kent TN15 7RD

Company registration number 13766470. Vat number 397255846.

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REFILLING CAPACITY & LUBRICATION

Fuel tank 32L
 Swing motor..... PCR-2B-10A-P-8486A
 Swing motor typeHydraulic driven gear rotary motor
 Brake No
 Swing speed..... 13.5 r/min
 Cooling system..... 9L
 Engine oil 3.4-4.4L
 Hydraulic oil tank 39.5L

Bucket

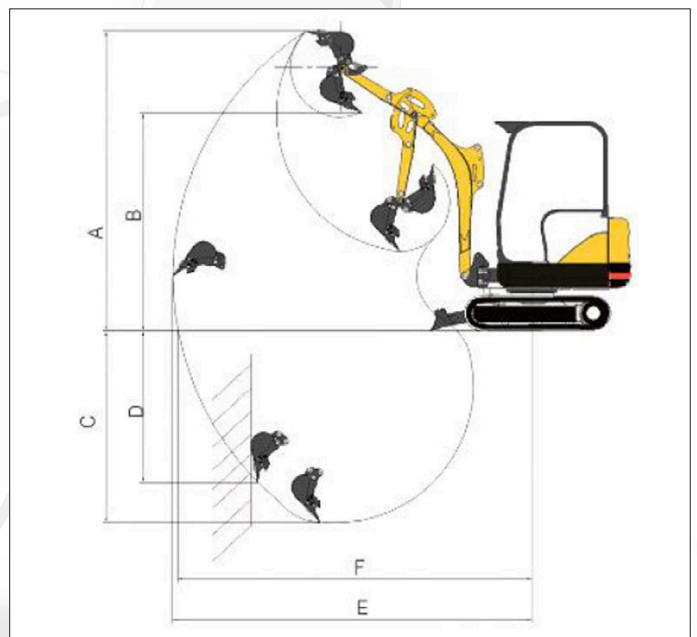
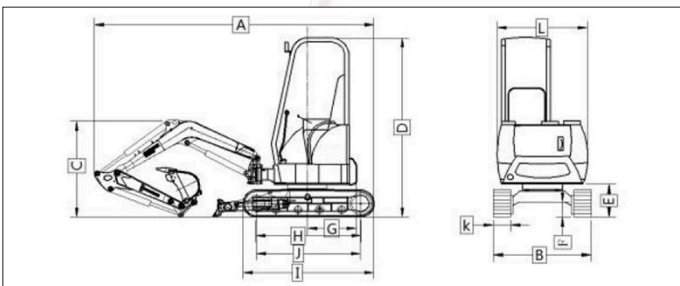
Type Backhoe bucket
 Bucket capacity0.075m³ (SAE)
 Bucket Capacity scope..... 0.030-0.1m³
 Number of bucket teeth 4
 Bucket width460 mm

WORKING RANGES

Boom length..... 2150mm
 A. Max. digging height..... 3865mm
 B. Max. dumping height.....2760mm
 C. Max. digging depth 2560mm
 D. Max. vertical digging depth 2440mm
 E. Max. digging distance4375mm
 F. Max. digging radius at ground level 4275mm
 Arm length 1388mm
 A. Bucket digging force 18.6 KN
 B. Arm digging force 13.5 KN

DIMENSIONS

A. Overall length 4050mm
 B. Overall width..... 1540mm
 C. Overall height(to top of boom) 1380mm
 D. Overall height(to top of cab) 2360mm
 E. Counter weight ground clearance485mm
 F. Min. Ground clearance.....255mm
 G. Tail swing radius 710mm
 H. Track grounding length1530mm
 I. Track length.....1895mm
 J. Track gauge 1510mm
 K. Track Shoe width250mm
 L. Revolving frame width 1350mm
 Operating weight includes basic machine
 Operating weight..... 2870kg
 Ground pressure 26.7 KPa



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