

# COMMERCIAL OFFER BACKHOE LOADER - MST M 542 S

## COUNTRY OF ORIGIN – TÜRKIYE



<p><b>ENGINE (ENGLAND)</b></p> <p><b>Model:</b> PERKINS 1104 C -44 T  <b>Type:</b> Four cylinder diesel engine with water cooling, turbocharger and intercooler. (Apparatus)  <b>Ecol . engine class:</b> Euro 2, <b>Engine capacity:</b> 4,400 cc.  <b>Max. power:</b> 74.5 kW / 100 hp (at 2200 rpm) <b>Max. torque</b> 408 Nm (at 1400 rpm)</p>	<p><b>BRAKE SYSTEM</b></p> <p><b>Service brake:</b> hydraulic oil tank, Self-adjusting disc brakes located inside the rear axle with separate brake pedals for the left and right wheels.  <b>Parking brake:</b> mechanical brake, controlled by a hand lever, acts on the rear axle differential</p>
<p><b>TRANSMISSION – CARR A RO (ITALY)</b></p> <p>Heavy Duty Automatic Power Shift (TLB2-CD)—4 forward and 4 reverse  40 km/h max. speed  Full hydraulic control, 2 WD switch (2 wheel drive) / 4 WD (four-wheel drive)  2.64 / 1 transformation ratio in stop mode  Transmission oil cooling</p> <p><b>BRIDGES CARR A RO (ITALY)</b> for use in harsh conditions  Front axle oscillation 16 °  2WD and 4WD function  Suspended planetary gearbox  Differential locking device on the rear axle</p>	<p><b>VOLUME FILLING</b></p> <p>Engine oil with filter: 8 l  Engine cooling system: 19 l  Fuel tank: 140 l  Front axle differential: 7.5 l  Front axle axle: 2 x 0.8 l  Rear axle differential: 16 l  Rear axle axle: 2 x 1.5 l  Transmission: 21L  Hydraulic system (total): 145 l</p> <p><b>ELECTRICAL SYSTEM</b></p> <p>Voltage: 12V  Battery: 135 Ampere  Generator: 85 A</p>
<p><b>HYDRAULIC SYSTEM - CASSAPA (ITALY) -</b></p> <p><b>Main pump ( GEAR TANDEM PUMP )</b>  Type: Tandem Gear Pump  Max. flow: 86 l/min  Pressure: 240 bar</p> <p><b>Auxiliary pump</b>  Type: Tandem Gear Pump  Max. flow: 59 l/min  Pressure: 207 bar</p> <p><b>DIGGING PARAMETERS</b></p> <p>Maximum digging radius: 7000 mm  Maximum digging depth: 5907 mm  Working loading height: 4524 mm</p>	<p><b>TIRES model LASSA (TURKEY)</b></p> <p>Front tires: 16.9 – 28 (14 plies)  Rear tires: 16.9 – 28 (14 plies)</p> <p><b>LOADER PERFORMANCE</b></p> <p>capacity : 1.1 m<sup>3</sup>  Bucket breakout force: 7734 kgf  Boom breakout force: 5905 kgf  Max. lifting height: 3328 mm  Max. front bucket load capacity: 3100 kg</p> <p><b>BACKHOE PERFORMANCE</b></p> <p>Rear bucket capacity: 0.27 m<sup>3</sup> and add. bucket 0.12 m<sup>3</sup>  breakout force : 6424 kgf  Boom breakout force: 3461 kgf</p>
<p><b>Controls: Lever</b></p> <p>Includes the following additional options:</p> <ul style="list-style-type: none"> <li>• <b>Air conditioner,</b></li> <li>• <b>MP 3 SONY,</b></li> <li>• <b>POWER SHIFT function,</b></li> <li>• <b>Switch for front and rear drive wheels,</b></li> <li>• <b>Hydraulic hoses for hydraulic hammer included,</b></li> <li>• <b>Extended telescopic boom included,</b></li> <li>• <b>Spare excavator bucket 0.12 m<sup>3</sup> included,</b></li> <li>• <b>Frontal bucket with jaw grip</b></li> </ul> <p><b>Cabin : FOPS ROPS, EUROCABIN LUXURY</b></p>	

