### 600 series

#### Height with Cab

<table>
<thead>
<tr>
<th>Wheel size</th>
<th>Cab LX</th>
<th>Cab DLX</th>
<th>Cab DLX with Air conditioning on the roof</th>
</tr>
</thead>
<tbody>
<tr>
<td>26x12.00-12 or 320/60-12</td>
<td>79.7 in</td>
<td>80.2 in</td>
<td>85.9 in</td>
</tr>
<tr>
<td>27x8.50-15</td>
<td></td>
<td>81.0 in</td>
<td>86.4 in</td>
</tr>
</tbody>
</table>

#### Width

<table>
<thead>
<tr>
<th>Wheel size</th>
<th>Profile</th>
<th>Machine width</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 x 8.50 - 15</td>
<td>TR</td>
<td>40.6 in / 44.6 in</td>
</tr>
<tr>
<td>26 x 12.00 - 12</td>
<td>TR or grass</td>
<td>50.8 in</td>
</tr>
<tr>
<td>320/60 - 12</td>
<td>TR</td>
<td>50.8 in</td>
</tr>
</tbody>
</table>

### Table: Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>AVANT 630</th>
<th>AVANT 635</th>
<th>AVANT 640</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>100.3 in</td>
<td>100.3 in</td>
<td>100.3 in</td>
</tr>
<tr>
<td>Width (with 26x12.00-12 wheels)</td>
<td>50.8 in</td>
<td>50.8 in</td>
<td>50.8 in</td>
</tr>
<tr>
<td>Height</td>
<td>81.5 in</td>
<td>81.5 in</td>
<td>81.5 in</td>
</tr>
<tr>
<td>Weight</td>
<td>3310 lb</td>
<td>3370 lb</td>
<td>3500 lb</td>
</tr>
<tr>
<td>Standard wheels</td>
<td>26x12.00-12&quot; TR or grass</td>
<td>26x12.00-12&quot; TR or grass</td>
<td>26x12.00-12&quot; TR or grass</td>
</tr>
<tr>
<td>Transmission, drive</td>
<td>hydrostatic</td>
<td>hydrostatic</td>
<td>hydrostatic</td>
</tr>
<tr>
<td>Pulling force</td>
<td>2650 lbf</td>
<td>2650 lbf</td>
<td>3100 lbf</td>
</tr>
<tr>
<td>Drive speed (max.)</td>
<td>9 MPH</td>
<td>9 MPH</td>
<td>14 MPH</td>
</tr>
<tr>
<td>Auxiliary hydraulics oil flow / pressure</td>
<td>11.6 gal/min 2900 PSI</td>
<td>17.4 gal/min 2900 PSI</td>
<td>17.4 gal/min 2900 PSI</td>
</tr>
<tr>
<td>Hydraulic oil cooler</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Turning radius inside/outside*</td>
<td>35.4 / 97.2 in</td>
<td>35.4 / 97.2 in</td>
<td>35.4 / 97.2 in</td>
</tr>
<tr>
<td>Max. lifting height</td>
<td>112 in</td>
<td>112 in</td>
<td>112 in</td>
</tr>
<tr>
<td>Max. tipping load**</td>
<td>2440 lb</td>
<td>2560 lb</td>
<td>2620 lb</td>
</tr>
<tr>
<td>Max. breakout force</td>
<td>2760 lbf</td>
<td>2760 lbf</td>
<td>2760 lbf</td>
</tr>
<tr>
<td>Engine make and type</td>
<td>Kubota D 1105</td>
<td>Kubota V1505</td>
<td>Kubota V1505</td>
</tr>
<tr>
<td>Engine output</td>
<td>25 hp</td>
<td>37.5 hp</td>
<td>37.5 hp</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Product no:</td>
<td>A21618</td>
<td>A21561</td>
<td>A21581</td>
</tr>
</tbody>
</table>

* Turning radius with 26x12.00-12 wheels
** Load is measured at 15.8 in from the attachment coupling plate, unit with rear sideweights.
600 series features

Standard specification

• Telescopic Boom
• Self leveling boom
• Hydraulic multi-connector system
• Reverse beeper
• Drive release valve
• Joystick, 8-function
• Toggle switch, hydraulic parking brake
• High volume hydraulic oil cooler
• ROPS with FOPS canopy
• 2 front head lights
• Hydrostatic direct 4WD with 4 drive motors
• Dual speed up to 14 mph (640)
• Standard tires 26x12-12 Tractor or Grass profile
• Heated suspension seat with arm rests and seat belt
• Integrated back weight 375 lb
• Fuel tank size 7.9 gal.
• 10 gal hydraulic oil tank

Avant 600 series advantages over 500 series

• More lift capacity and handling power
• Stronger and faster hydraulic system
• 8-way joystick control
• More oil flow for attachments,
  Dual pump with 11.6 gal/min (630) / 17.4 gal/min (635/640)
• More handling power
• DLX Cab with Heat and A/C available (635/640)
600 series options

A36878  Attachment control switch pack
- Controls electric functions for specific attachments
- Consists of 3 pcs control switches, wiring and a 7-pole socket which mounts on the auxiliary hydraulics multi-connector.

A36679  Adapter for attachment’s electric connector
- converting the old electricals to fit the new multi-connector. If the loader is equipped with the electric socket integrated into the multi-connector, the attachment connector can be fitted with adapter A36679.

A21592  Cab L
- Windscreen (equipped with wiper and washer), right side window and rear window.

MCSD500U  Cab L - soft side door
- Snap-on, zipper door to enclose cab L entry and exit.

A21517  Cab LX
- Windscreen (equipped with wiper and washer), right side window and rear window.
- Door, heater and front mudguards

A35352  Road traffic light kit
- Headlights, turn signals, reflectors, beacon, 4-way hazards

A21463  Cab DLX, AC (Unit position rear) 635, 640 only
A21511  Cab DLX, AC (Unit position roof) 635, 640 only
- Heater and noise isolating interior
- Traffic kit
- Work light kit
- heated fabric seat with arm rests and seat belt, radio and cab air filter
- Front and rear mudguards

A413706  Heated fabric air suspended seat, with arm rest and seat belt - fitted only in DLX cabs
600 series options

A33916 Work light kit: 2 front, 1 rear (LED, 700 lumen) on ROPS
A34917 Work light kit: 2 front, 1 rear (LED, 2500 lumen) on ROPS
A35732 Work light kit: 2 front, 1 rear (LED, 700 lumen) on cab LX
A35731 Work light kit: 2 front, 1 rear (LED, 2500 lumen) on cab LX

A33912 Road traffic light kit, on ROPS frame
  • Headlights, turn signals, reflectors, beacon, 4-way hazards

A34002 Beacon

A36739 Beacon light bar
  • Only for DLX cabs
  • Gives more light than the std. beacon
  • Visible from behind cab with A/C on the roof

A35506 Anti slip valve
A35830 Smooth drive (640)
  only with boom float and self-leveling

A34015 Boom floating

PTBH-MD  Engine block heater

A35513 Exhaust purifier
600 series options

A34014  Auxiliary hydraulics outlet in the rear, single acting
A47774  Auxiliary hydraulics outlet in the rear, double acting

A35462  Extra aux. hydr. outlet front
For customers who want to mount the tilt adapter (must be equipped with conventional type quick couplers) and a hydraulic attachment – like 4 in 1 bucket - on the machine at the same time.

A36080  Cover plates, HD, machine with ROPS frame
A36081  Cover plates, HD, machine with ROPS & mudguards rear
A35670  Cover plates, HD, machine with cab LX/DLX
A35669  Cover plates, HD, machine with LX/DLX & mudguards rear
• Heavy duty (polycarbonate)

A418746 Tie down bracket
A simple bracket, that makes it easier to tie down machines during transport. Fits either to the back of the machine or to side of rear frame. Can be mounted also between rear frame and trailer coupling or to rear back weight with handle, which allows the use of it even if a trailer coupling is mounted

A36572 Rear guard
A rear guard protecting the rear part of machine and radiator. The rear guard has tie down brackets integrated and it is possible to mount any trailer hitch or backweight onto a machine equipped with a rear guard. Rear guard is bolt mounted and can be easily retrofitted or later taken off if necessary.

A417337 Trailer ball hitch 2 inch with towing pin
HH2INREC    2” Receiver hitch with tie down rings

A36401 Rear side weight kit 176 lbs
600 series options

A49063  Rear side weight kit 400 lb

A35957  Extra back weight with handle, 64 lbs

MW10.261212G  26x12.00-12 grass
MW10.278515T  27x8.50-15 TR add. price
MW10.3206012T  320/60-12 HD TR add. price

65436  Weather cover for 400 - 700 series
• Covers the loader’s interior, protects against rain, snow etc.
• Integrated storage pouch, mounts on the ROPS frame

65478  Full weather cover for 400, 500 and 600 series
• Protects the entire Avant loader
• HD storage bag

64745  Snow chains, pair, 23 x 10.50 -12 pic.2
64973  Snow chains, pair, 26 x 12.00 -12 pic.2
65603  Snow chains, pair, 320/60-12 pic.2
65723  Snow chains, pair, 27 x 8.50-15 pic.1

Additional attachment options in back of catalog