MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*Caterpillar*
Model:	*AP 655D with AS4251C Screed and full hopper*
Equipment Type:	*Asphalt Paver*
Contractor Modifications:	*None*

Interstate Approval Conditions

Approval Type	*Crossing Only*
Speed:	*No Restriction*
Weight:	*79,432 or less*
Traffic:	*Approved with regular traffic*
Location Restrictions:	*No restriction*

Non-Interstate Approval Conditions

Approval Type	*Crossing Only*
Speed:	*No Restriction*
Weight:	*79,432 or less*
Traffic:	*Approved with regular traffic*
Location Restrictions:	*No restriction*

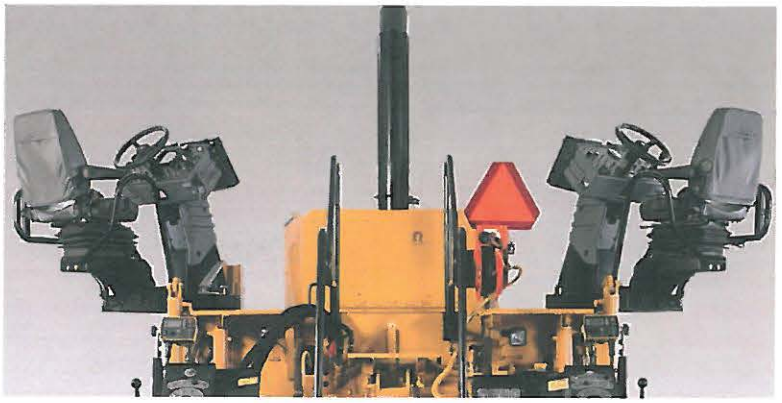
Comments:

Equipment configuration, weights, and specifications on following pages. Approval does not apply to load posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge.

AP655D PAVER

STEEL TRACK OR MOBIL-TRAC UNDERCARRIAGE







MACHINE OVERVIEW

The AP655D is a mid-sized paver that is available with a steel track or Mobil-Trac undercarriage. It offers excellent flotation, unmatched traction, high production capability, easy-to-use controls, and quiet operation. Both undercarriage designs feature oscillating bogies that minimize tow point movement in order to produce smooth, high quality mats. The size and weight balance offers stability on high production job sites and maneuverability on smaller applications.

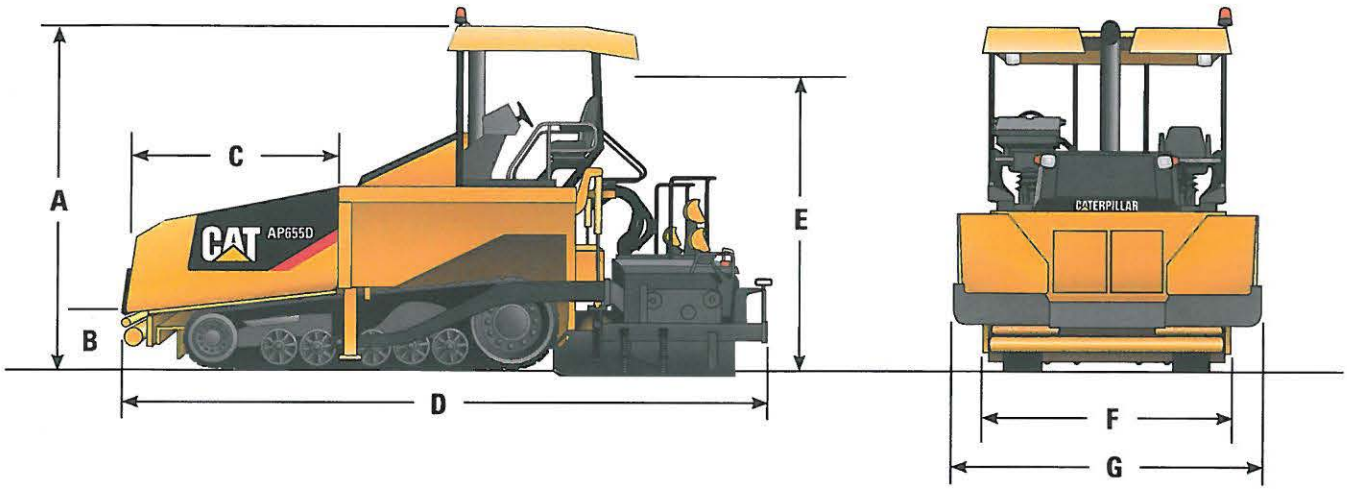
APPLICATIONS

- Airport projects
- Base aggregates
- Highways
- Motorways
- Overlays
- Parking lots
- Industrial sites
- Roller compacted concrete (RCC)
- Rural roads
- Urban streets

HIGHLIGHTS

- 8.0 m (26' 4") maximum paving width
- Maximum throughput capacity is 1326 tonnes/h (1,462 tph)
- Cat C6.6 delivers 129 kW (174 hp) engine meets Tier 3/Stage IIIA emission standards
- Automatic engine speed control
- Friction steering
- Maintenance-free Mobil-Trac undercarriage or steel track option
- Mobil-Trac undercarriage can be equipped with smooth belt or tread-bar pattern belt
- Advisor operating display; multiple language options, machine monitoring, job site planning
- Fumes Management System
- Dual independent operating stations or dual stations with single sliding console
- Individual control of each auger and each conveyor

SPECIFICATIONS



Dimensions

A	Operating height	3.84 m (12' 7")
B	Truck entry height	605 mm (23")
C	Hopper length	1.96 m (6' 5")
D	Transport length w/AS2252C screed	6.65 m (21' 7")
	Transport length w/AS3251C screed	6.80 m (22' 4")
	Transport length w/AS4251C screed	6.16 m (20' 2")
	Transport length w/AS4252C screed	6.44 m (21' 2")
E	Transport height	2.82 m (9' 3")
F	Transport width wo/end gates	2.44 m (8')
G	Tractor operating width	3.31 m (10' 10")

Operating Weights

Tractor	15 320 kg (33,775 lb)
Tractor with canopy	15 050 kg (33,180 lb)
with AS2252C*	18 020 kg (39,727 lb)
with AS3251C*	18 250 kg (40,234 lb)
with AS4251C**	19 165 kg (42,252 lb)
with AS4252C**	18 250 kg (40,234 lb)

* Weight without canopy
** Weight with canopy

Material Delivery

Maximum throughput capacity	1326 tonnes/h (1,462 tph)
Augers and conveyors	Reversible
Auger height adjustment range	216 mm (8.5")
Auger flight diameter	406 mm (16")
Hopper capacity w/tunnels	6.5 m^3 (230 ft^3)
Power mainframe extensions	457 mm (18")

Screed Paving Range

AS2252C	1.88 m - 5.60 m (6' 2" - 18' 5")
AS3251C	1.83 m - 6.15 m (6' - 20' 2")
AS4251C and AS4252C	2.55 m - 8.0 m (8' 2" - 26' 4")
Max. paving depth	305 mm (12")

Powertrain

Cat C4.4 engine	129 kW (174 hp)
Fuel capacity	291 L (77 gal)
Generator size	25 kW
Electrical system	24 volt with 80 amp alternator

Speed

Paving – Mobil-Trac™ undercarriage	70 m/min (230 fpm)
Paving – Steel Track	78 m/min (255 fpm)
Paving w/tamper bar screed	25 m/min (82 fpm)
Travel – Mobil-Trac undercarriage	14.5 km/hr (9 mph)
Travel – Steel Track	8 km/hr (5 mph)