MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

mdtacel@mt.gov

Make: Caterpillar

Model: AP1055 with SE60 V Screed and full hopper

Equipment Type: paver

Contractor Modifications: none

Interstate Approval Conditions

Approval Type	crossing only
Speed:	no restriction
Weight:	87,987 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	no restriction

Non-Interstate Approval Conditions

Approval Type	denied
Speed:	denied
Weight:	denied
Traffic:	denied
Location Restrictions:	denied

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.



Cat® AP1055

Asphalt Paver

Standard and Optional Equipment

OPERATING ENVIRONMENT

MATERIAL DELIVERY

SERVICE AND MAINTENANCE

TECHNOLOGY

POWERTRAIN

SAFETY

ELECTRICAL SYSTEM

Technical Specifications

Engine power @ 2200 rpm (ISO 14396 2002)	168 kW	225 hp
Speed – paving	64 mpm	210 fpm
Speed – travel	14.5 km/hr	9 mph

Machine Weight

w/SE60 FM screed (operating)	20 571 kg*	45,352 lb*
		45,087lb*
w/SE60 V XW screed (operating)	21 125 kg*	46,573 lb*

Operating weights are approximate and include coolant, lubricants, full fuel tank , and 75 kg (165 lb) operator.
** Add 324 kg (714 lbs) when equipped with canopy*

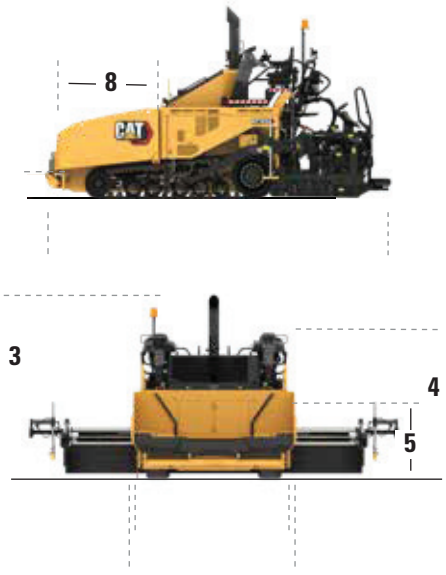
Service Refill Capacities

Hopper capacity	8.1 m^3	286 ft^3
Diesel Exhaust Fluid (DEF)	19.1 L	5 gal
Fuel tank	348 L	92 gal
Washdown spray tank	30 L	7.9 gal

Paving Range With Extensions

SE60 V screed*	3.0 m - 7.65 m	9' 10" - 25
Paving depth	305 mm	12

1	Operating length w/SE60 V	6800 mm	22' 4
	Shipping length w/SE60 V	6635 mm	21' 10
	Shipping width w/end gates - SE60 V	3211 mm	10' 6
	Shipping width w/end gates folded - SE60 V	3000 mm	9' 10
1	Operating length w/SE60 V XW, VT XW	7034 mm	23' 1
	Shipping length w/SE60 V XW, VT XW	6910 mm	22 8
	Shipping width w/end gates - SE60 V XW, VT XW	3211 mm	10' 6
	Shipping width w/end gates folded - SE60 V XW, VT XW	3000 mm	9' 10
2	Operating width (standard entry hopper)	3306 mm	10 10
3	Operating height (exhaust stack)	3732 mm	12' 3
	Operating height with canopy	3861 mm	12' 4
4	Shipping height	2929 mm	9' 7
	Shipping height with canopy retracted	3056 mm	10
5	Operating platform height	1792 mm	5' 11
6	Truck entry height (standard entry hopper)	570 mm	23
7	Truck entry width (standard entry hopper)	3224 mm	10' 7
8	Hopper length with push roller extended	2414 mm	7' 11



Environmental Declaration

www.caterpillar.com/en/company/sustainability.html

ENGINE

OILS AND FLUIDS

FEATURES AND TECHNOLOGY

PAINT

SOUND PERFORMANCE

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