



Road Planer

A 28 ton, fast mobilization speed milling machine. It makes milling jobs profitable, especially jobs on city roads with manholes, curbs, etc. and frequent short distance hauls.

Cost and time savings

- Fast mobilization speed of 27 km/h (17 mph) saves time and cost by eliminating the use of a trailer for hauls less than 20 km (13 miles).
- A single operator controls the entire machine.

Efficient operation

- Drum width of 2,050 mm (81 in) and maximum cutting depth of 230 mm (9 in).
- Unique drum side-shift system with 450 mm (18 in) on both sides provides ;
 - 1) Accurate milling position.
 - 2) Milling operations tight to adjacent structures such as curbs and walls.
 - 3) Easy to clear manholes, utility poles, etc., on city streets.
- Minimum side clearance of 105 mm (4 in) and the maximum curb clearance of 400 mm (16 in) on both sides of the drum enable quick and accurate flash cutting along curbs.
- Smooth milled surface results from a long wheel base design and four rear wheels mounted on a bogey suspension similar to a motor grader system.

High safety standard

- Emergency brake switch is located in four different places around the machine.

Easy maintenance

- Easy access to the cutting teeth by opening the rear cover of the drum hood.

Engine

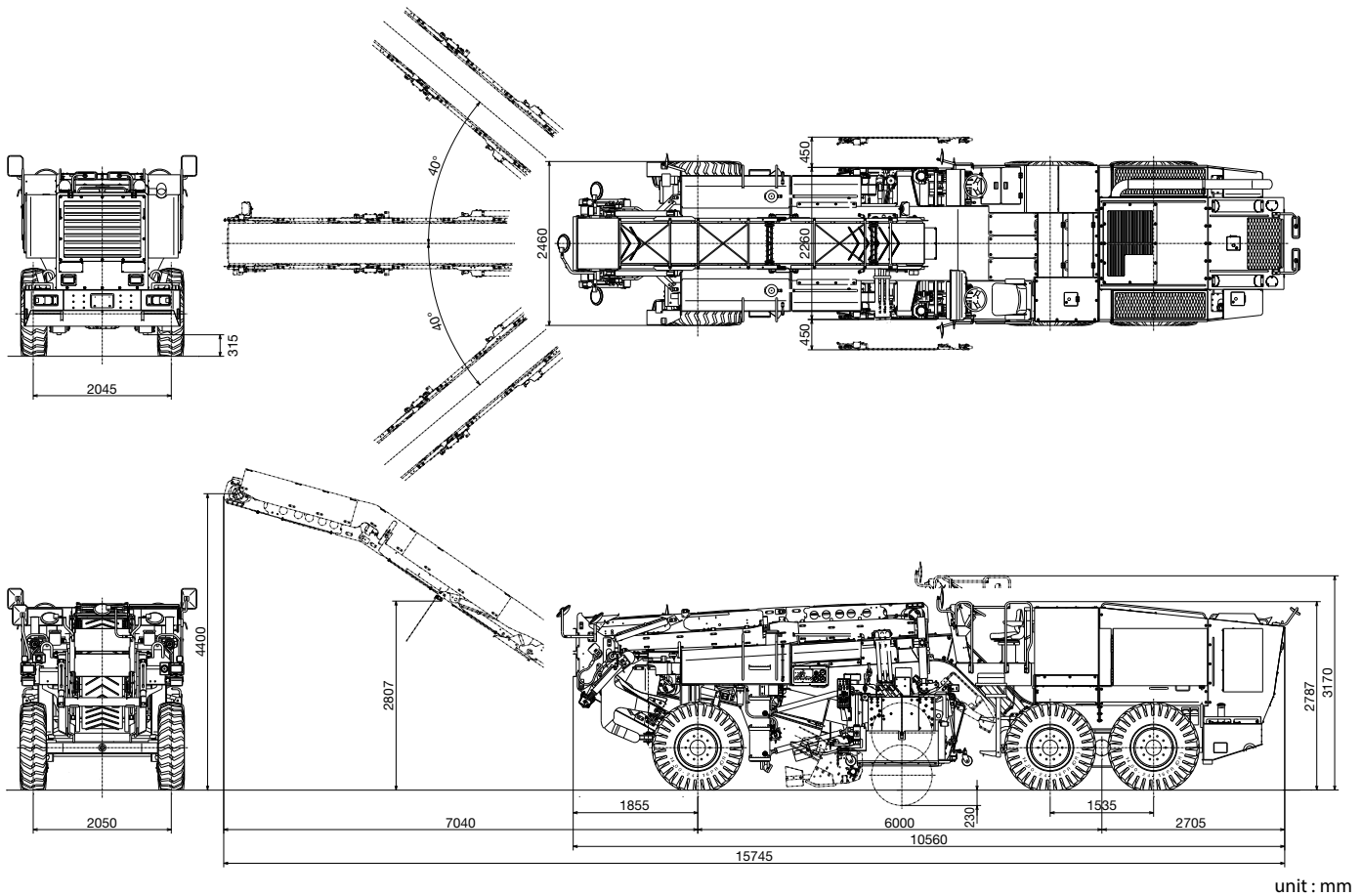
- Equivalent of EPA Tier 3 (ER552F-1, 418 kW / 561 HP, with EGR) and non-EPA Tier 3 (ER552F-s, 370 kW / 496 HP, without EGR) engines are available.



If you need any technical or service parts support on our products, please contact this web page.

www.sakainet.co.jp/en/

ER552F-1 ER552F-s



unit : mm

TYPE		Road Planer	
MODEL		ER552F-1	ER552F-s
CHASSIS MODEL		1ER12	1ER11
WEIGHTS	Max. operating weight	kg (lbs) 28,680 (63,230)	28,170 (62,105)
	Operating weight	kg (lbs) 27,380 (60,365)	26,870 (59,235)
	Load on front axle (operating weight)	kg (lbs) 10,500 (23,150)	10,100 (22,265)
	Load on rear axle (operating weight)	kg (lbs) 16,880 (37,215)	16,770 (36,970)
PERFORMANCE	Speed range (travel)	km/h (mph) 0-27 (0-16.8)	
	Speed range (operating)	m/min (ft/min) 0-55 (0-180)	
	Gradeability	% (°) 42 (23)	
	Min. turning radius (outer)	m (in) 11.5 (453)	
DIMENSIONS	Overall length	mm (in) 10,560 (416)	
	Overall width	mm (in) 2,460 (97)	
	Overall height [operate / shipping]	mm (in) 3,170 / 2,787 (125 / 110)	
	Wheelbase	mm (in) 6,000 (236)	
	Tire size × Number of tires	14.00 - 24-16PR(OR) × 6	
	Inflation	kPa (psi) 600 (87.0)	
CUTTER SYSTEM	Cutting width	mm (in) 2,050 (81)	
	Cutting depth [max.]	mm (in) 230 (9.1)	
	Shift stroke	mm (in) 450 (17.7)	
	Number of bit	pcs. 156	
LOADING SYSTEM	Curb clearance	mm (in) 400 (15.7)	
	Side clearance	mm (in) 105 (4.1)	
	Water sprinkler system	Pressurized	
	Belt width	mm (in) 600 (23.6)	
ENGINE	Loading height	mm (in) 4,400 (173)	
	Swing angle	° 40	
	Make	KOMATSU	
	Model	SAA6D140E-5	
FLUID CAPACITY	Type	Diesel, water cooled, 4 cycle, 6 cylinder, with turbo charger	
	Displacement	L (cu.in) 15.239 (929.9)	
	Rated output	kW (HP) / min ⁻¹ 418 (561) / 2,000 370 (496) / 1,800	
	Fuel tank	L (gal) 700 (184.9)	
FLUID CAPACITY	Hydraulic oil tank	L (gal) 255 (67.4)	
	Water sprinkler tank	L (gal) 2,000 (528.3)	

- Specified figures have a tolerance of ±5%.
- All specifications may be changed without notice.
- Specified figures are in SI Units, followed by their equivalent in English units of measurement in parentheses.
- Max. operating weight : Fuel=100%, Water=100%, Operator=75 kg
- Operating weight : Fuel=50%, water=50%, operator=75 kg
- The photos may contain optional equipment and/or attachment.

* Using low quality fuel may cause engine failure.

Standard Equipment :

- Instrument panel ● Gauges ● Back up alarm ● Horn
- Comfort seat ● Head light ● Working light ● Turn signal lamp
- Mirrors ● Grade sensor ● Pressurized water sprinkler system

Optional Equipment :



ISO9001 certified Tokyo Head Office,
Tokyo Factory, Global Service Division,
Technical Development Division.



SAKAI HEAVY INDUSTRIES, LTD.

HEAD OFFICE: 1-4-8, SHIBA DAIMON, MINATO-KU, TOKYO JAPAN
TELEPHONE: +81-3-3431-9971
FACSIMILE: +81-3-3436-6212