

**MADE IN
JAPAN**



KANTO
General Catalog

H600KS/H650KS/H550KS

KV40CS/KV40DS

KV25CS/KV25DS

KT30S

CW25

KANTO TEKKO CO., LTD



Message from the President

KANTO TEKKO was established in 1984 as a parts-supplying company for the famed international roller manufacturers. Since then, utilizing our world class technology, we have accumulated experiences and achievements, and we now supply a series of compactors as well as their main parts. We also manufacture and sell the machines uniquely developed by ourselves such as crawler washers.

To reduce environmental burdens and create a sustainable society with good compatibility between the environment and economic activity, 3Rs are very important key words: Reduce, Reuse and Recycle. As a part of environmental efforts, which are also focused on 3Rs, we have been engaged in the manufacturing of emission control devices in the past and in the remanufacturing of used equipment at present. Such high-quality remanufactured equipment is offered to many rental companies for their rental or retail purposes at lower costs.

Maintaining such good cooperative relationships with manufacturers and rental companies, we work very hard to raise work efficiency of customers' machines working at their job sites. Making the best use of know-how we have cultivated over the years, we are determined to produce products wholeheartedly to satisfy our customers.

We would like to ask for your continued support.

President
Tsunenori Suzuki

Company Profile

Corporate Name: KANTO TEKKO CO., LTD.
Capital: 40 million yen
Representative Person: Tsunenori Suzuki
Business Place: ■ Head Office/Factory 852-4 Shimo Katata,
Koga-shi, Ibaraki-ken, 306-0127, Japan

Business Activities:

- Manufacture/assembly/sales of ride-on compacting equipment (road rollers, tire rollers, etc.)
- Manufacture/assembly/sales of hand guided compacting equipment
- Manufacture/sales of parts for compacting equipment (roller drums, frames, etc.)
- Manufacture/assembly/sales of crawler washer for heavy equipment (automatic water jet cleaning machine for crawler mounted machinery)
- Sales/rental of remanufactured compacting equipment

KANTO



Corporate History

- 1984 Established as a parts-supplying company for BOMAG Germany
- 1985 Started to supply parts and components to BOMAG Japan
- 1986 Established the compaction department, started to develop and manufacture original tire rollers and macadam rollers
- 1988 Released a tire roller and macadam roller at the same time, started OEM supply of both types of rollers for Furukawa Co., Ltd.
- 1991 Developed crawler washer (robot to wash the undercarriage of various heavy equipment)
- 1992 Released crawler washer "CW20"
- 1993 Increased the capital to 40 million yen
- 1995 Released torque converter tire roller "PT20W"
- 1996 Released 3 models of compacting equipment: tire roller "PW20WA", "PT20WA" and macadam roller "M1F" that conform to the first emission control regulation
Released emission control unit for heavy equipment "DCR-650E" (construction technology assessment system No.96302) developed in conjunction with TOKYO ROKI CO., LTD.
- 1999 Exhibited a new model of macadam roller "M1-II" in CONET '99 (construction machinery exhibition)
- 2001 Established a website
- 2003 Launched rental business
Started the sales of particle matter reduction device for diesel vehicle designated by 8 capital prefecture cities
- 2004 Achieved the sales of 2,000 sets of emission control unit for heavy equipment
- 2006 Released crawler washer "CW25"
- 2009 Released vibration roller "H600/H650", 4-ton combined roller "KV40C" and tandem roller "KV40D"
- 2010 Released 3-ton tire roller "KT30", 2.5-ton combined roller "KV25C" and tandem roller "KV25D"
- 2012 Registered to NETIS, released super low-noise vibration rollers "KV25CS/DS" and "KV40CS/DS"
- 2015 Released 4-ton vibration rollers "KV40CSE" and "KV40CSi/DSi"
- 2016 Became a subsidiary of CKK group by the acquisition
- 2017 Registered to NETIS, released super low-noise vibration rollers "H600KS / H650KS" and 3-ton tire roller "KT30S"
- 2018 Released super low-noise vibration roller "H550KS"
- 2019 Relocate the head office and two factories to the new combined premises
Exhibited a new "HYBRID" 4-ton tandem roller at CSPI-EXPO

H600KS/H650KS/H550KS

► Hand Guided Rollers



Super Low-noise Construction Equipment

Super Low-noise Model: 94dB for H600KS, 93dB for H650KS and H550KS!
Stylish resin cover for the safety, noise and dirt protection!



H600KS/H650KS



► Full open type cover



► Easy-to-use sprinkler system

H550KS



► Rear-view-mirror (Opt)



► LED sidelight (Opt)

- No reduction gear on the travel device contributes significantly oil leakage reduction
- Engine can be started only when the operation lever is in neutral
- Emergency stop device is provided to protect operators from getting caught at backward traveling

KV40CS/KV40DS

► Ride-on Vibration Rollers



Super Low-noise Construction Equipment



Tier 3 emission regulation compliant

Superior operability and high efficiency!!



KV40DS
[Tandem type]



KV40CS
[Combined type]

Reliable Safe Performance

Certified for European Visibility Safety Standard 1x1
Floor height and step to facilitate easy getting on/off
Diff-lock to ensure the safety on rough terrain
Engine can be started only when the operation lever is in neutral.

Advanced Environmentally-friendly Design

Certified for Tier 3 emission control regulation

Easy Maintenance

Full open hood
Adopted highly durable impeller type sprinkling pump



KV25CS/KV25DS

► Ride-on Vibration Rollers



Super Low-noise Construction Equipment



Tier 3 emission regulation compliant

Effective in urban area!



KV25DS
[Tandem type]



KV25CS
[Combined type]

Reliable Safe Performance

Certified for European Visibility Safety Standard 1x1
Floor height and step to facilitate easy getting on/off
Diff-lock to ensure the safety on rough terrain
Engine can be started only when the operation lever is in neutral.

Advanced Environmentally-friendly Design

A switch to turn off back buzzer

Easy Maintenance

Full open hood
Adopted highly durable impeller type sprinkling pump
Equipped with large (27L) sprinkler tank with large filter, stainless pipe and easy-to-maintain nozzle with strainer



► Full open type hood

KT30S

► Tire Roller



Super Low-noise Construction Equipment



Tier 3 emission regulation compliant

Ideal for constructions in urban-area and small-scale pavement!



Superior Workability

Uniform and smooth compaction on curved surface as tire dragging during cornering is reduced by 2-motor front-wheel drive.

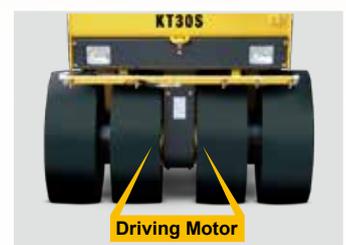
Wheel Stoppers Equipped water & oil spray unit
2-speed motor is adopted to enable speed mode switching

Maintenance

Adopted an impeller type sprinkling pump and resin sprinkler tank that last longer
Water / oil spray nozzle is removable by one-touch operation and easy to clean.

Safety

A foot brake in which the operation lever and the negative brake of oil pressure motor work together.
Engine can be started only when the operation lever is in neutral.



Driving Motor



► Speed mode switching



► Impeller type sprinkling pump

CW25

► Crawler Washer

Easy-to-install automatic washing robot provides better work environment
Strong reduction in man-hour and cost of washing!



3-hour work can be finished within only 30 minutes

Although there is a personal difference, it takes about 3 hours for one worker to finish washing with a high-pressure washer.

This unit finishes the tough task automatically within 30 minutes for you.

7 nozzles on each side spray water

7 nozzles provided on each side spray a large amount of water to the crawler.

Washing nozzles continually run forward / backward while making up-and-down movements to wash the underbody of the machine.

You can save up to 80% of cost by applying it to 100 machines.

According to our estimation, the cost for applying this unit to 100 machines of 20 ton class excavators including electricity/water/labor fees is about 1/5 comparing to the manual work using a high-pressure washer.

► Specifications

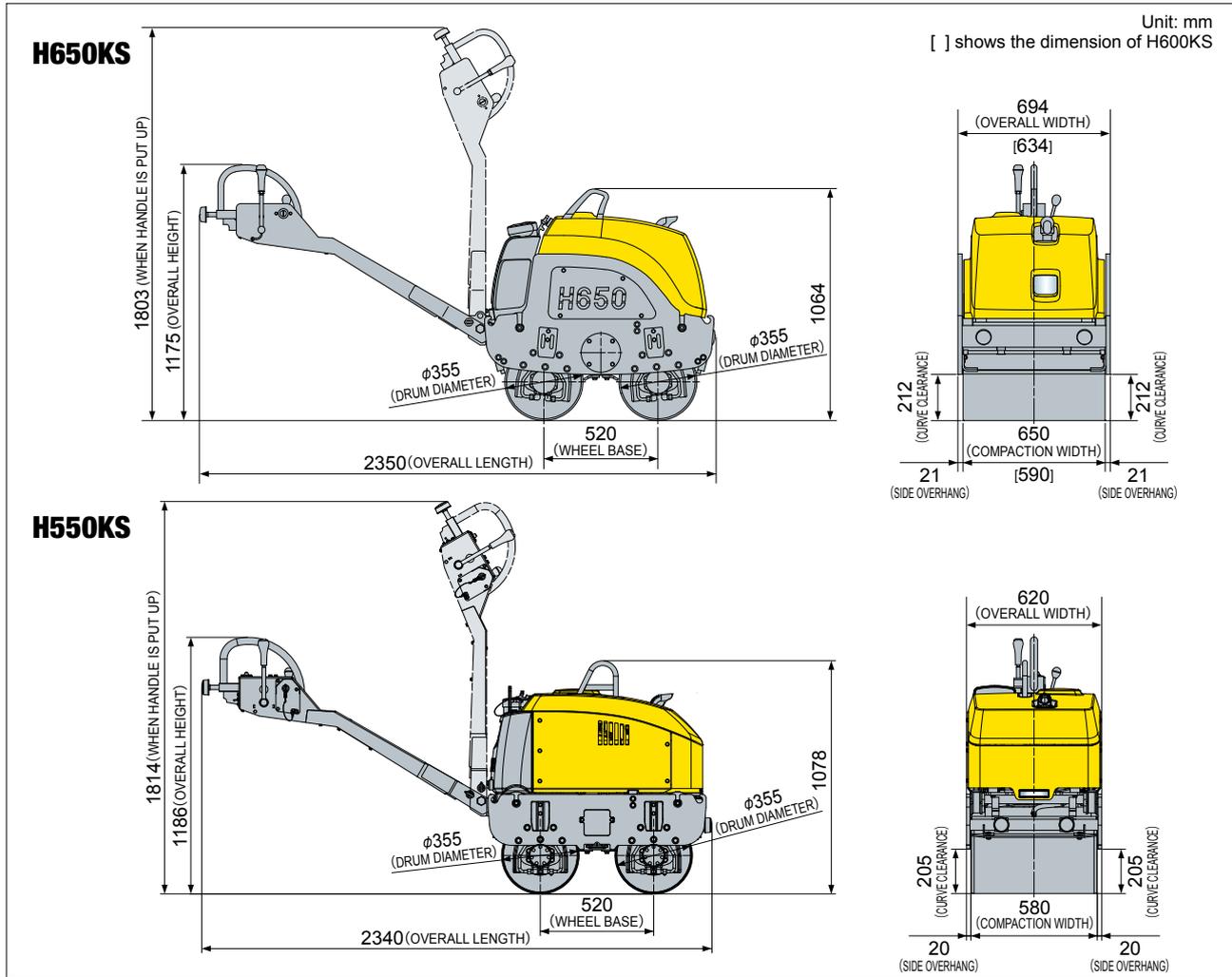
DRIVE SYSTEM		ELECTRICAL DRIVE
APPLICABLE MACHINE		Crawlers machines (either rubber or iron) including hydraulic shovel/bulldozer/crawler carrier, underbody of wheel loader/dump truck
OUTER DIAMETER	RAIL LENGTH	6,000mm
NOZZLE RUNNING DISTANCE	NOZZLE DISTANCE	3,380mm (minimum)
	S MODE	2,530mm
	M MODE	3,810mm
	L MODE	5,010mm
NOZZLE RUNNING TIME		6'45" (Long/1 round trip, adjustable between 5-10 minutes by inverter)

DRIVE SYSTEM		ELECTRICAL DRIVE
NOZZLE LIFTING STROKE		90mm
WASHING PUMP	DISCHARGE RATE	500L/min
	POWER REQUIREMENT	11kw
TOTAL POWER REQUIREMENT		75A, 200V (3phase)
DRIVE SYSTEM FOR NOZZLE		Electric motor
RUNNING PATTERN	RUNNING DISTANCE	Short (S)/Middle (M)/Long (L)
	NUMBER OF TIMES OF RUNNING	1/2/3/5/Continuous (50 times)
CONTROL PROGRAM		Sequence
RUNNING CONTROL		Sequence
WASHING WATER DISCHARGE CONTROL		Electric valve

H600KS/H650KS/H550KS

► Hand Guided Rollers

► Dimensions



► Specifications

Model	H600KS	H650KS	H550KS	
CHASSIS MARK	60-****	66-****	50-****	
WEIGHT				
SHIPPING WEIGHT	kg	605	635	548
DIMENSIONS				
OVERALL LENGTH	mm	2,350	2,350	2,340
OVERALL WIDTH	mm	634	694	620
OVERALL HEIGHT	mm	1,175	1,175	1,186
WHEELBASE	mm	520	520	520
COMPACTION WIDTH	mm	590	650	580
CURVE CLEARANCE	mm	212	212	205
ENGINE				
MANUFACTURER	KUBOTA			
TYPE	E75-E3-NB3			
COOLING	WATER			
RATED OUTPUT	kW/rpm	3.7/2,200	3.7/2,200	3.7/2,200

Model	H600KS	H650KS	H550KS	
VIBRATION				
CENTRIFUGAL FORCE	kN	9.8	10.8	9.8
FREQUENCY	Hz	55	55	60
STATIC LINEAR LOAD N/cm (kg/cm)	F	40.2(4.1)	39.2(4.0)	39.2(4.0)
	R	66.7(6.8)	61.8(6.3)	58.8(6.0)
TRAVELING				
TRAVEL DEVICE	HYDRAULIC			
TRAVEL SPEED	km/h	0~3.0	0~3.0	0~3.0
GRADEABILITY	%(deg)	40(22)	40(22)	40(22)
CAPACITIES				
WATER TANK	L	35	35	32

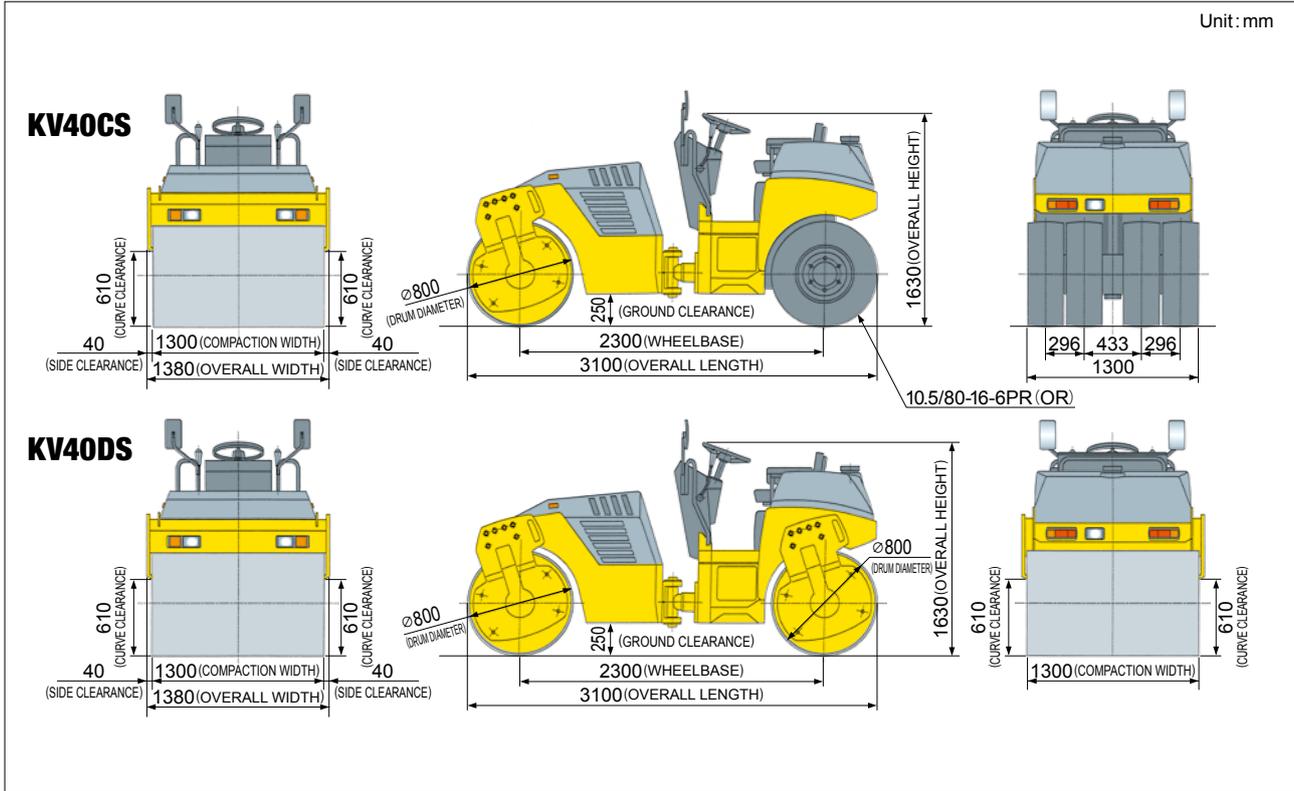
► Optional equipment

- Vibration Switch: the switch placed on the operation lever grip can be changed to a toggle type on the control box.

KV40CS/KV40DS

► Ride-on Vibration Rollers

► Dimensions



► Specifications

Model	KV40CS Combined Type	KV40DS Tandem Type	
CHASSIS MARK	KVR40C-3 ***	KVR40D-3 ***	
WEIGHT			
SHIPPING WEIGHT	kg 3,290	3,690	
OPERATING WEIGHT	kg 3,600	4,000	
LOAD ON FRONT	kg	2,000	
LOAD ON REAR	kg 1,600	2,000	
DIMENSIONS			
OVERALL LENGTH	mm	3,100	
OVERALL WIDTH	mm	1,380	
OVERALL HEIGHT	mm	1,630	
ROLLER WIDTH X DIAMETER	mm	1,300 × 800	
TIRE SIZE X NUMBER OF TIRES	ROLLER WIDTH X DIAMETER	10.5/80-16-6PR (OR) × 4	1,300 × 800
WHEELBASE	mm	2,300	
GROUND CLEARANCE	mm	250	
CURVE CLEARANCE	mm	610 (RIGHT AND LEFT)	
SIDE CLEARANCE	mm	40 (RIGHT AND LEFT)	
ENGINE			
MANUFACTURER	KUBOTA D1703-EDM		
TYPE	3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM		
RATED OUTPUT	kW/min ⁻¹ [PS/rpm] 21.2/2,300 [28.8/2,300]		
DISPLACEMENT	L 1.647		
VIBRATION			
FREQUENCY	Hz [vpm]	55 [3,300] 55 [3,300]	
CENTRIFUGAL FORCE	kN [kg]	24.5 [2,500] 24.5 [2,500] × 2	
STATIC LINEAR LOAD	F	151 (15.4) 151 (15.4)	
	R	- (-) 151 (15.4)	

Model	KV40CS Combined Type	KV40DS Tandem Type
DRIVELINE		
TRANSMISSION	HYDROSTATIC TRANSMISSION/2 SPEED	
REVERSE GEAR	VARIATION OF DISCHARGE by VARIABLE CAPACITY HYDRAULIC PUMP	
FINAL REDUCTION GEAR	DIRECT DRIVE	
EXCITATION UNIT		
POWER TRANSMISSION	HYDROSTATIC TYPE	
MOTION EXCITER	UNIAXIAL ECCENTRICITY	
MOUNTED POSITION	LOAD ON FRONT	FRONT/LOAD ON REAR
DRIVE PERFORMANCE		
SPEED RANGE	km/h	LOW 0-9.0, HIGH 0-12.0
GRADEABILITY	%(deg)	40(22)
MIN. TURNING RADIUS	m	4.3
BRAKE SYSTEM		
MAIN BRAKE	HYDROSTATIC TYPE	
PARKING BRAKE	WET MULTIPLATE BRAKE (MECHANICAL)	
STEERING		
SYSTEM	ARTICULATE TYPE	
TYPE	HYDRAULIC TYPE	
OTHERS		
SPRINKLER UNIT	ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)	
LIQUID SPRAY SYSTEM	ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)	—
FUEL TANK	L	50
SPRINKLER TANK	L	310
LIQUID TANK	L	10

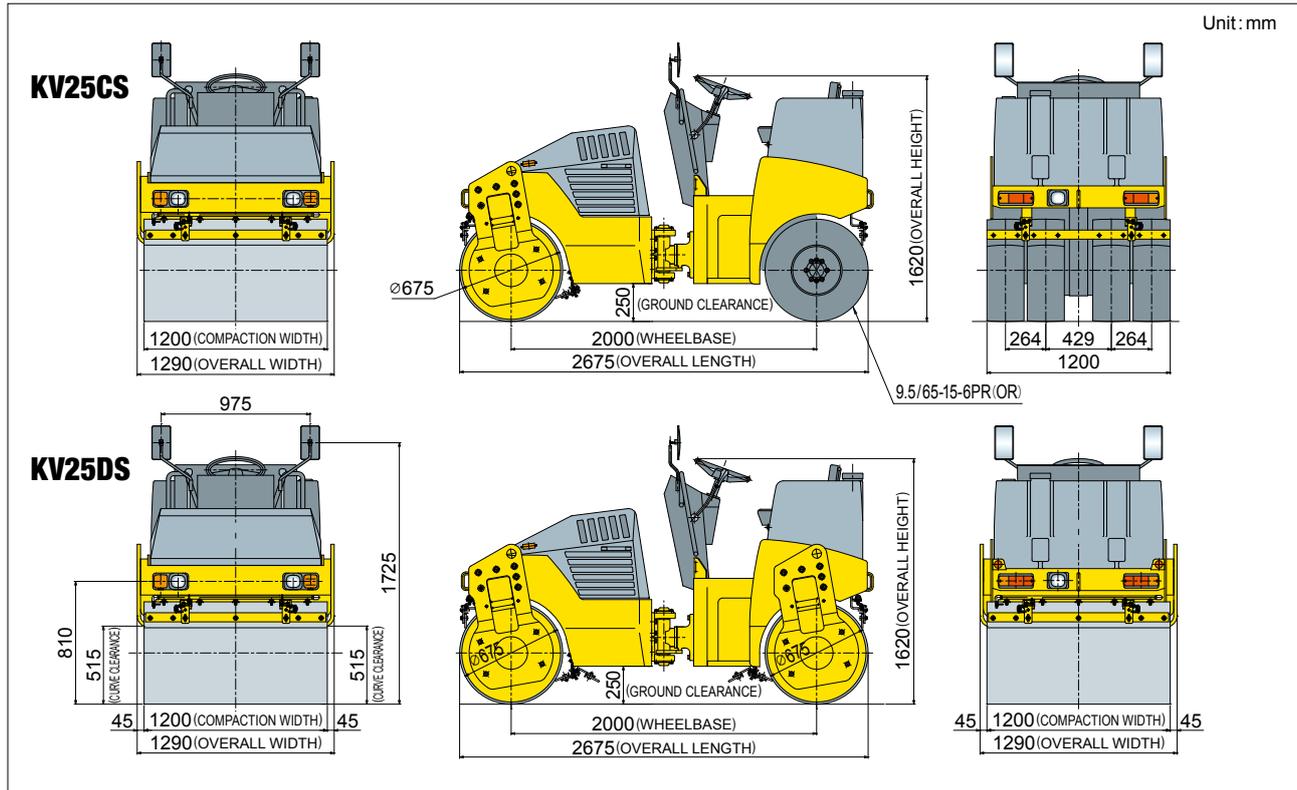
► Optional equipment

- Hazard switch
- Sprinkler timer
- Cold area specification
- Back sensor

KV25CS/KV25DS

► Ride-on Vibration Rollers

► Dimensions



► Specifications

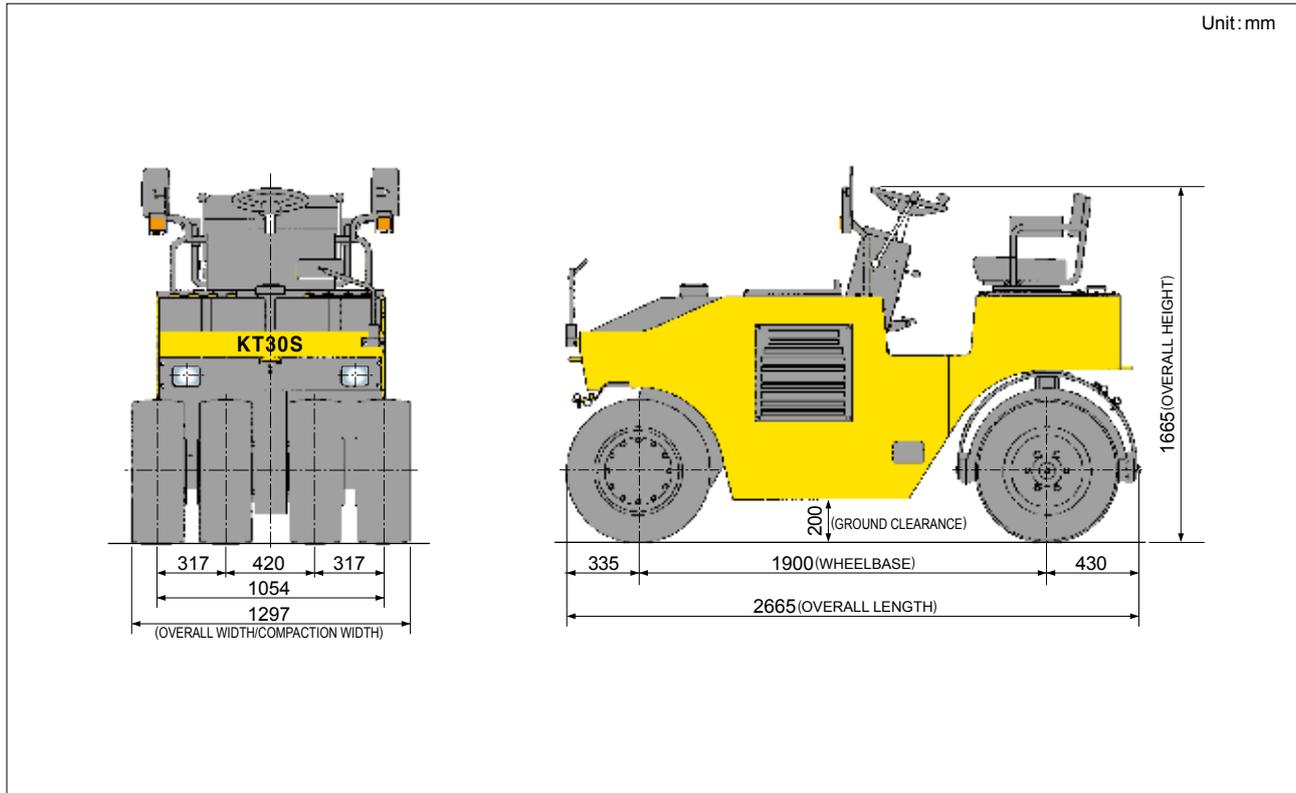
Model	KV25CS Combined Type	KV25DS Tandem Type
CHASSIS MARK	KV25C-****	KV25D-****
WEIGHT		
SHIPPING WEIGHT	kg 2,430	2,730
OPERATING WEIGHT	kg 2,700	3,000
LOAD ON FRONT	kg 1,450	
LOAD ON REAR	kg 1,250	1,550
DIMENSIONS		
OVERALL LENGTH	mm 2,675	
OVERALL WIDTH	mm 1,290	
OVERALL HEIGHT	mm 1,620	
ROLLER WIDTH X DIAMETER	mm 1,200 × 675	
TIRE SIZE X NUMBER OF TIRE	9.5/65-15-6PR(OR) ×4	1,200 × 675
WHEELBASE	mm 2,000	
GROUND CLEARANCE	mm 250	
CURVE CLEARANCE	mm 515(RIGHT and LEFT)	
SIDE CLEARANCE	mm 45(RIGHT and LEFT)	
ENGINE		
MANUFACTURER	MITSUBISHI S3L2-EDL2M	
TYPE	3-CYLINDER WATER COOLING, WHIRL CHAMBER SYSTEM	
RATED OUTPUT	kW/min ¹ [PS/rpm] 17.7/2,500 [24/2,500]	
DISPLACEMENT	L 1.318	
VIBRATION		
FREQUENCY	Hz [vpm]	58 [3,500] 58 [3,500]
CENTRIFUGAL FORCE	kN [kg]	22.7 [2,300] 20.8 [2,120] x2
STATIC LINEAR LOAD	F	122.6 (12.5) 122.6 (12.5)
N/cm (kg/cm)	R	- (-) 122.6 (12.5)

Model	KV25CS Combined Type	KV25DS Tandem Type
DRIVELINE		
TRANSMISSION	HYDROSTATIC TRANSMISSION	
REVERSE GEAR	VARIATION OF DISCHARGE by HYDRAULIC PUMP	
FINAL REDUCTION GEAR	DIRECT DRIVE	
EXCITATION UNIT		
POWER TRANSMISSION	HYDROSTATIC TYPE	
MOTION EXCITER	UNIAXIAL ECCENTRICITY	
MOUNTED POSITION	LOAD ON FRONT	FRONT/LOAD ON REAR
DRIVE PERFORMANCE		
SPEED RANGE	km/h	0~12.0
GRADEABILITY	%(deg)	38(21)
MIN. TURNING RADIUS	m	4.0
BRAKE SYSTEM		
MAIN BRAKE	HYDROSTATIC BRAKE	
PARKING BRAKE	WET MULTIPLATE BRAKE (MECHANICAL)	
STEERING		
SYSTEM	ARTICULATE TYPE	
TYPE	FULL HYDRAULIC TYPE	
OTHERS		
SPRINKLER UNIT	CENTRIFUGAL PUMP TYPE	
LIQUID SPRAY SYSTEM	TRICHOID PUMP	—
FUEL TANK	L 40	
SPRINKLER TANK	L 270	
LIQUID TANK	L 10	—

► Optional equipment

- Hazard switch
- Sprinkler timer
- Cold area specification
- Back sensor

► Dimensions



► Specifications

Model		KT30S	
CHASSIS MARK		KT30-****	
WEIGHT			
OPERATING WEIGHT	TOTAL	kg	3,000
	LOAD ON FRONT	kg	1,770
	LOAD ON REAR	kg	1,230
SHIPPING WEIGHT	TOTAL	kg	2,860
	LOAD ON FRONT	kg	1,640
	LOAD ON REAR	kg	1,220
LOAD PER TIRE			
IN OPERATING WEIGHT	LOAD ON FRONT	kg	442
	LOAD ON REAR	kg	410
IN SHIPPING WEIGHT	LOAD ON FRONT	kg	410
	LOAD ON REAR	kg	407
DIMENSIONS			
OVERALL LENGTH	mm	2,665	
OVERALL WIDTH	mm	1,297	
OVERALL HEIGHT	mm	1,665	
WHEELBASE	mm	1,900	
COMPACTION WIDTH	mm	1,297	
GROUND CLEARANCE	mm	200	
OVERLAP	mm	105	
DRIVE PERFORMANCE			
SPEED RANGE (CONSTANT SPEED FOR FORWARD/BACKWARD)	First	km/h	0~5.7
	Second	km/h	0~10.0
MIN. TURNING RADIUS	m	3.9	
GRADEABILITY	%(deg)	47(25)	

Model		KT30S	
ENGINE			
MANUFACTURER	MITSUBISHI S3L2-EDL2M		
TYPE	3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM		
DISPLACEMENT	L	1.318	
RATED OUTPUT	kW/min ⁻¹ [PS/rpm]	17.7/2500 [24/2500]	
TRANSMISSION SYSTEM			
TRANSMISSION	HYDROSTATIC TRANSMISSION		
GEAR	2-speed		
FINAL REDUCTION GEAR	PLANETARY GEAR TYPE		
TIRES			
TYRE SIZE	9.5/65-15-6PR (OR)		
NUMBER OF TIRES	4 FRONT TIRES × 3 REAR TIRES		
AIR PRESSURE	kPa	325	
BRAKE SYSTEM			
MAIN BRAKE	HYDROSTATIC BRAKE/ WET MULTIPLATE BRAKE (MECHANICAL)		
PARKING BRAKE	WET MULTIPLATE BRAKE (MECHANICAL)		
STEERING	FULL HYDRAULIC POWER STEERING		
SPRINKLER SYSTEM	ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)		
LIQUID SPRAY SYSTEM	ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)		
TANK CAPACITY			
FUEL TANK	L	32	
SPRINKLER TANK	L	140	
LIQUID TANK	L	10	

- **Optional equipment**
- Cold area specification
 - Sprinkler timer

KANTO

<http://www.kanto-tk.co.jp>

- For the purpose of performance improvement, the specification of this machine is subject to change without notice. ● Colors of the body and other parts may appear different from the actual color due to the photographing and printing process. ● Please read "Instruction Manual" thoroughly before using.
- In order to prevent malfunction or accident, please make sure to inspect the machine body periodically.
- The "Roller Special Education" must be taken to be the operator of this machine.

KANTO TEKKO CO., LTD

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**Please search "KANTO-TK" on internet.
You can find our webpage instantly.**

- If you have any question...