



# **KANTO**

General Catalog

- H600K/H650K**
- KV15CS**
- KV25CS/KV25DS**
- KV40CS/KV40DS**
- KV40CSi/KV40DSi**
- KT30S**
- KT40S**
- CW200**

**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**

**Shunya Hashimoto**

## Company Profile

Corporate Name: KANTO TEKKO CO., LTD.  
 Capital: 40 million yen  
 Representative Person: Shunya Hashimoto  
 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
- Released the industry's first electric hand guided roller "H600E"
- Released new crawler washer "CW200"
- 2021 Introduced "Automatic emergency brake device" on the combined vibration rollers "KV40CSE" and "KV25CS"
- Introduced a combined type hand guided rollers (hard rubber rolled on the rear drum) on "H600KS" and "H650KS"
- 2022 Released articulated 4-ton tire roller "KT40S"
- 2023 Released 1.8-ton combined roller "KV15CS"
- Director of Sales & Marketing Shunya Hashimoto named President, President Tsunenori Suzuki named Chairman (as of April 1st)

# H600K/H650K

## ► Hand Guided Rollers

4.0kW rated output (4.6kW max output) high power engine  
Employed 25% thicker “SUPER DRUM” as a standard spec



Robust and long lasting

**“SUPER DRUM”**

- Cylinder roller bearings are used on the vibration axle for improved durability
- No reduction gear on the travel device contributes significantly oil leakage reduction
- Engine starts only when the forward and reverse levers are in neutral
- Emergency stop device is provided to protect operators from getting caught at backward traveling

### H600KS/H650KS



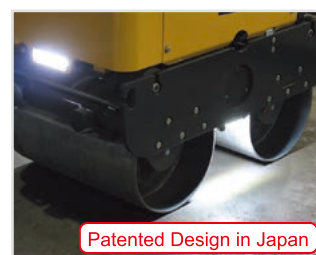
► Full open type cover



► Liquid sprinkle system (opt)



► Welded robust frame



► LED side light (opt)

Patented Design in Japan



# KV15CS

## ► Ride-on Vibration Roller



Super Low-noise Construction Equipment



Tier 3 emission regulation compliant



### Ideal for small scale paving, parking lots, pavement construction



Full open type engine hood with noise absorber



New type instrument panel



Single seat with arm rest



Rotatable under mirror stay

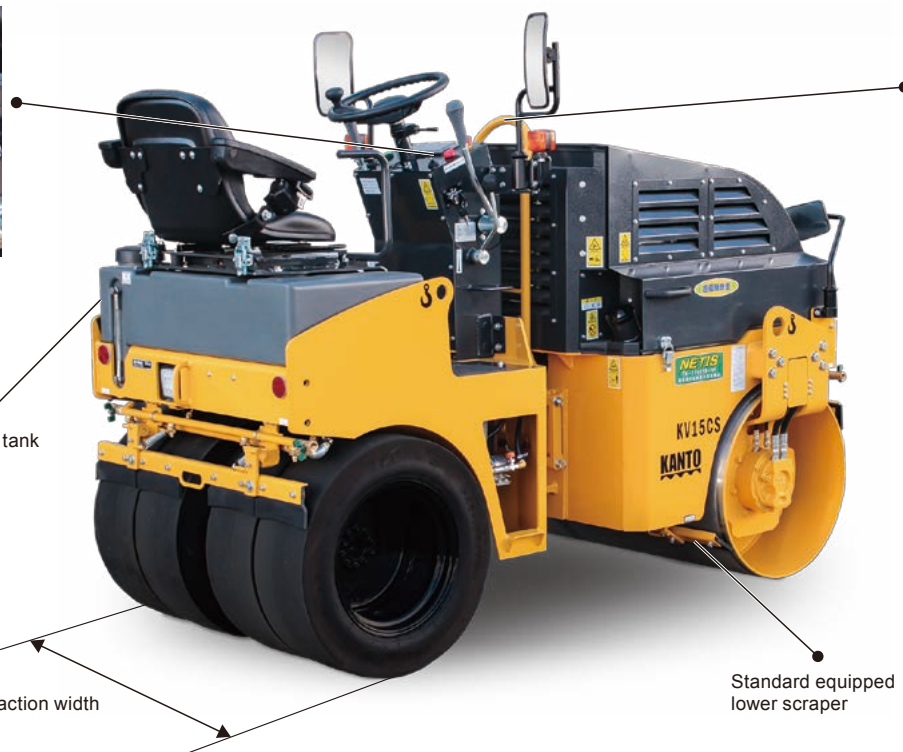


Articulated steering system with oscillation function

## The smallest size Combined Ride-on Vibration Roller in Japan



Emergency stop button



100L water tank

1000mm compaction width



Standard equipped lifting arm



Can be loaded on a 2-ton truck

Standard equipped lower scraper



# KV25CS/DS KV40CS/DS KV40CSi/DSi

## ► Ride-on Vibration Rollers



Super Low noise Construction Equipment

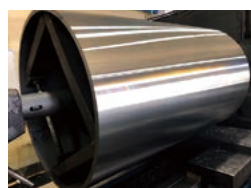
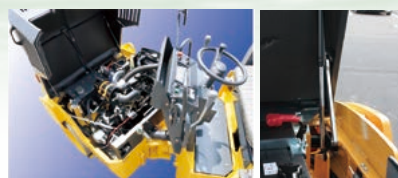
6 all-rounder models suitable for small to medium-sized construction sites

	KV25CS/KV25DS	KV40CS/KV40DS	KV40CSi/KV40DSi
	Super Low Noise            Tier 3 emission regulation compliant	Super Low Noise            Tier 3 emission regulation compliant	Super Low Noise            Tier 4 emission regulation compliant
Combined	<p>1,200mm 2,700kg 17.7kW</p>	<p>1,300mm 3,600kg 21.2kW</p>	<p>1,300mm 3,600kg 25.0kW</p>
Steel drums	<p>1,200mm 3,000kg 17.7kW</p>	<p>1,300mm 4,000kg 21.2kW</p>	<p>1,300mm 4,000kg 25.0kW</p>

Easy maintenance thanks to full open hood  
Safety lock bar is provided for strong winds

Back buzzer off switch (Std)  
ECO mode, Sprinkler timer (Opt)

Certified European Visibility Safety Standard 1 x 1  
Super Low-Noise Equipment



Inhouse made machined perfect circle drums contribute distributing water evenly with the spring loaded scrapers



Cylinder roller bearings are used on the vibration axle for improved durability



Spring loaded scrapers are located at the front and rear of each drum

Low floor height for easy getting on/off



Uniform and smooth compaction on curved surface as tire dragging during cornering is reduced by 2-motor rear wheel drive (Combined model only)



High durable impeller type sprinkling pump

### KV40CSi/DSi

Common Rail Engine with full electronic controlled DPF which reduces PM (Particulate Matter) and NOx (Nitrogen Oxide). Generating high 25kW output.



► Multiple LCD monitors



► Exhaust gas aftertreatment system

# KV25CS/DS KV40CS/DS KV40CSi/DSi

## ► Ride-on Vibration Rollers



Super Low noise Construction Equipment

## Variety of standard equipment and options



► ECO mode switch (KV40CSi/DSi)



► Hazard switch (Std)



► 12V power socket (Std)



► LED light (Std)



► Back-up sensor (Opt)



► Mesh seat cover (Opt)

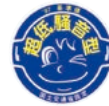
### ► Standard & Option(✓)

	KV25CS/DS	KV40CS/DS	KV40CSi/DSi
Hazard switch	Std	Std	Std
Sprinkler timer	Std	Std	Std
Cold climates preparation	✓ (Ass'y)	✓ (Piping)	✓ (Piping)
Back-up sensor	✓	✓	✓
LED front & rear light	Std	Std	Std
12V power socket	Std	Std	Std
Mesh seat cover	✓	✓	✓



# KT30S

## ► Tire Roller



Super Low-noise Construction Equipment



Tier 3 emission regulation compliant

## Ideal for urban area and small paving construction

Certified European Visibility Safety Standard 1 x 1  
Super Low-Noise Equipment

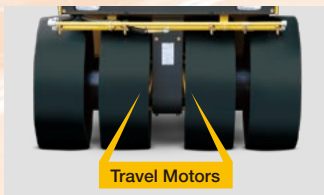
Resin water tank with filter

Changeable water nozzles without tools

Lifting hook  
(Std)

Rotatable under mirror stay

Diff-lock system (Std)  
Ensuring safety on rough terrain



Travel Motors

KANTO's unique 2 travel motors  
Uniform and smooth compaction  
on curved surface as tire dragging  
during cornering is reduced

Engine starts only when the forward  
and reverse levers are in neutral

When the foot brake is depressed,  
it works with the negative brake  
in the hydraulic motor  
for further safety



Two-speed motor allows speed  
mode switching

Liquid sprinkling system  
with easy replenishment  
of fluids



High durable impeller type  
sprinkling pump



# KT40S

## ► Tire Roller

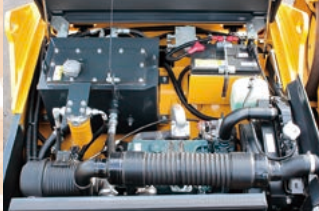


Super Low-noise Construction Equipment



Tier 3 emission regulation compliant

## One and only 4 ton class tire roller in the industry



Good serviceability thanks to easy access to each component



New type instrument panel

Certified European Visibility Safety Standard 1 x 1  
Super Low-Noise Equipment



Sprinkler switch, Sprinkler timer, Liquid sprinkle switch

Rotatable under mirror stay

Realize deeper compaction thanks to large tires with 273mm width and 812mm diameter



Impeller type sprinkling pump

## No drive feel difference from 4 ton vibration rollers

Employs 330L large water tank

Speed mode switch, Light switch, Back-up beeper switch



High-intensity front and rear LED lamps



Articulated steering allows F&R wheels to run on the same track, contributing high workability and productivity

# CW200

## ► Crawler Washer

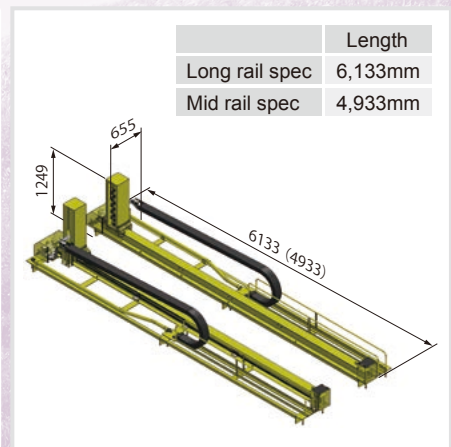


**Check!!**



You can watch the video on Youtube

**Automatic washing machine contributes to safety and health management**  
**Significant reduction in cleaning time and cost**  
**Improved durability and maintainability**  
**Middle length rail spec is available for compact yard**

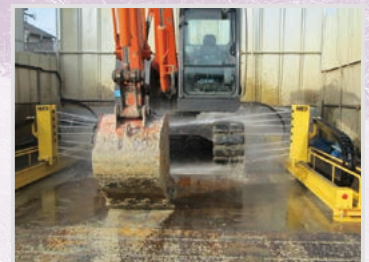


**| Cleaning work is completed in around 30 minutes**

**| 7 nozzles on each side spray water**

**| You can save up to 80% of cost by applying it to 100 units of 20 ton class excavators**

**| Easy installation without anchor**



### ► Specifications

DRIVE SYSTEM		ELECTRICAL DRIVE
APPLICABLE MACHINE		Crawlers machines (either rubber or iron) including hydraulic excavator/bulldozer/crawler carrier, underbody of wheel loader/dump truck
OUTER DIAMETER	RAIL LENGTH	6,133mm (long)/4,933mm (mid)
NOZZLE RUNNING DISTANCE	NOZZLE DISTANCE	3,380mm (minimum)
	S MODE	2,530mm
	M MODE	3,810mm
	L MODE	5,010mm (long rail spec only)
NOZZLE RUNNING TIME		5'44"/40Hz (long rail) 4'22"/40Hz (mid rail)

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 (50times)
CONTROL PROGRAM		Sequence
RUNNING CONTROL		Sequence
WASHING WATER DISCHARGE CONTROL		Electric valve

\* (L) is available only for Long rail spec.

# MEMO

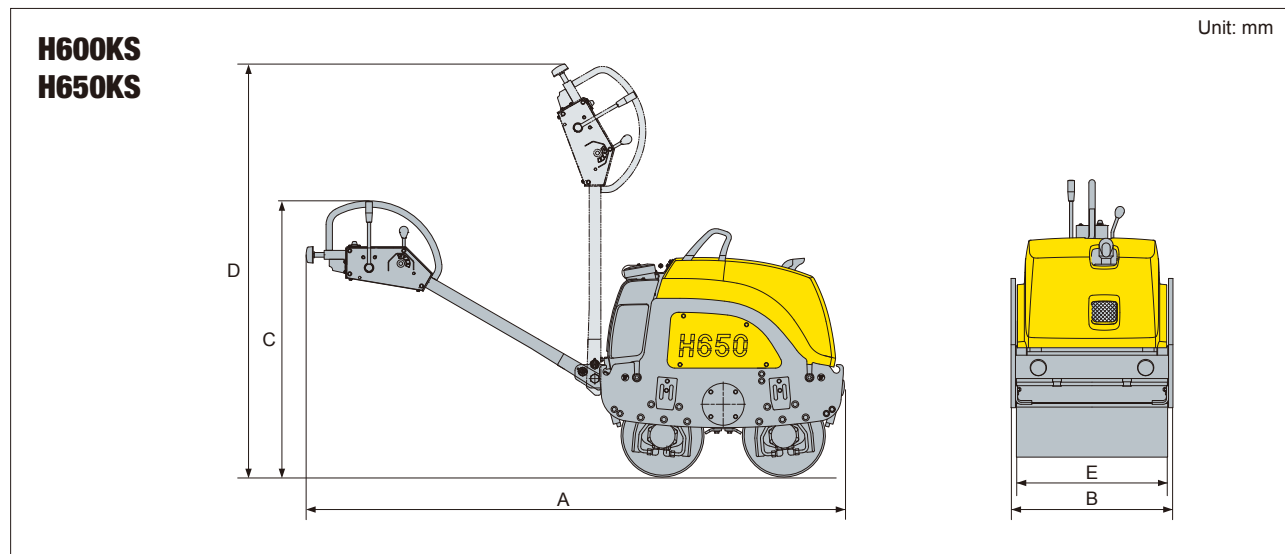
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# H600K/H650K

## ► Hand Guided Rollers

### ► Dimensions



### ► Specifications

Model			H600K	H650K
CHASSIS MAR			55-****	65-****
WEIGHT				
SHIPPING WEIGHT		kg	605	635
DIMENSIONS				
OVERALL LENGTH	A	mm	2,308	2,308
OVERALL WIDTH	B	mm	634	694
OVERALL HEIGHT	C	mm	1,182	1,182
OVERALL HEIGHT	D	mm	1,769	1,769
COMPACTION WIDTH	E	mm	588	648
ENGINE				
MANUFACTURER			KUBOTA	
TYPE			E75-E3-NB3	
COOLING			WATER	
RATED OUTPUT		kW/rpm	4.0/2,500	4.0/2,500

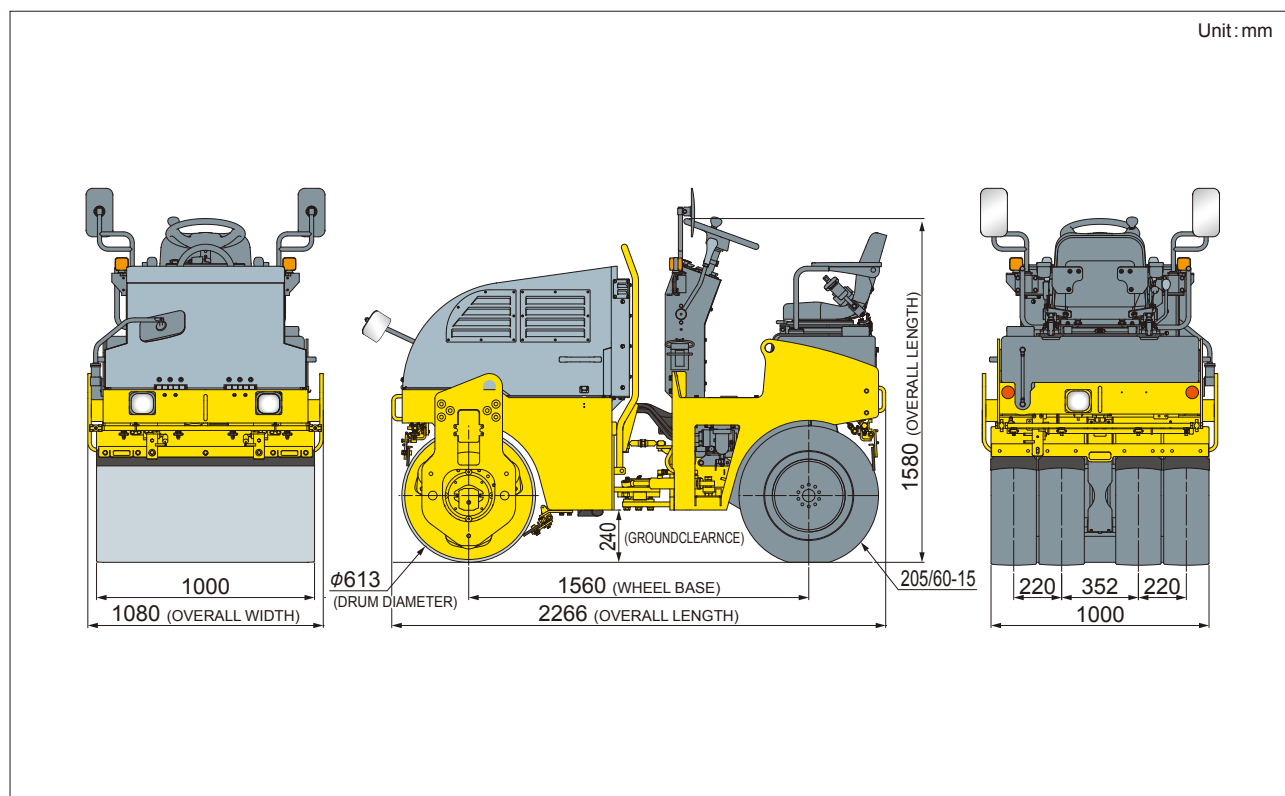
Model		H600K	H650K
VIBRATION			
CENTRIFUGAL FORCE	kN	9.8	10.8
FREQUENCY		55	55
STATIC LINEAR LOAD N/cm (kg/cm)	F	40.2(4.1)	39.2(4.0)
	R	66.7(6.8)	61.8(6.3)
DYNAMIC LINEAR LOAD N/cm (kg/cm)	F	122.2(12.5)	122.2(12.5)
	R	148.1(15.1)	144.8(14.8)
TRAVELING			
TRAVEL DEVICE		HYDRAULIC	
TRAVEL SPEED	km/h	0~3.5	0~3.5
GRADEABILITY	%(deg)	40(22)	40(22)
CAPACITIES			
FUEL TANK	L	4.8	4.8
ENGINE OIL	L	1.3	1.3
WATER TANK	L	35	35
HYDRAULIC OIL	L	10	10

### ► Optional equipment

- ECO Starter: Prevents the cell motor from overrunning, prolong life of motor and battery.
- Liquid sprinkle system
- LED side light



## ► Dimensions



## ► Specifications

Model		KV15CS Combined Type	
CHASSIS MARK		KV15C	
WEIGHT			
SHIPPING WEIGHT	kg	1,700	
OPERATING WEIGHT	kg	1,800	
LOAD ON FRONT	kg	1,010	
LOAD ON REAR	kg	790	
ENGINE			
MANUFACTURER		KUBOTA D1305-K3A	
TYPE		3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM	
RATED OUTPUT	kW/min <sup>-1</sup> [PS/rpm]	18.2/2,400 [24.8/2,400]	
DISPLACEMENT	L	1.261	
DRIVELINE			
TRANSMISSION		HYDROSTATIC TRANSMISSION	
REVERSE GEAR		VARIATION OF DISCHARGE by HYDRAULIC PUMP	
FINAL REDUCTION GEAR		DIRECT DRIVE	
EXCITATION			
POWER TRANSMISSION		HYDROSTATIC TYPE	
MOTION EXCITER		UNIAXIAL ECCENTRICITY	
MOUNTED POSITION		LOAD ON FRONT	

Model	KV15CS Combined Type	
PERFORMANCE		
CENTRIFUGAL FORCE	kN[kg]	13.1 [1,340]
FREQUENCY	Hz[vpm]	55 [3,300]
STATIC LINEAR LOAD	F	99.0 (10.1)
	N/cm(kg/cm)	— (—)
DINAMIC LINEAR LOAD	F	230.5 (23.5)
	N/cm(kg/cm)	— (—)
SPEED RANGE	km/h	0~10.0
GRADEABILITY	%(deg)	20
MIN. TURNING RADIUS	m	3.4
BRAKE SYSTEM		
MAIN BRAKE	HYDROSTATIC BRAKE	
PARKING BRAKE	WET MULTIPLATE BRAKE (MECHANICAL)	
STERRING SYSTEM		
SYSTEM	ARTICULATE TYPE	
TYPE	FULL HYDRAULIC TYPE	
OTHERS		
SPRINKLER UNIT	ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)	
LIQUID SPRAY SYSTEM	ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)	
FUEL TANK	L	20
SPRINKLER TANK	L	100
LIQUID TANK	L	9
HYDRAULIC OIL TANK	L	28

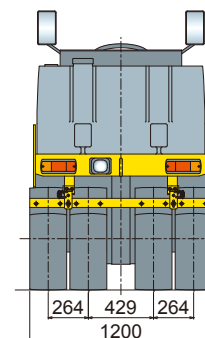
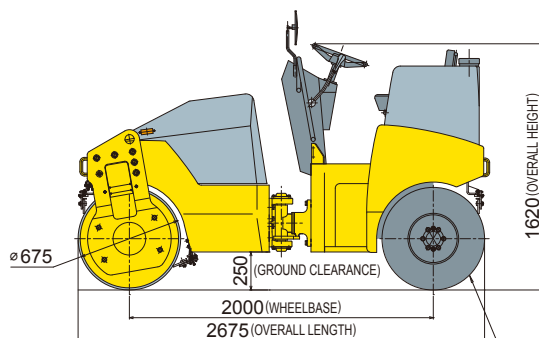
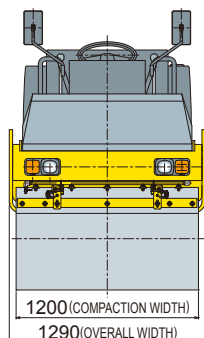
► **Optional equipment**

- Hazard switch
- Sprinkler timer
- Mesh seat cover

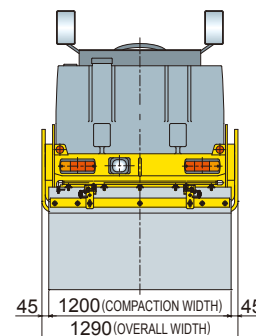
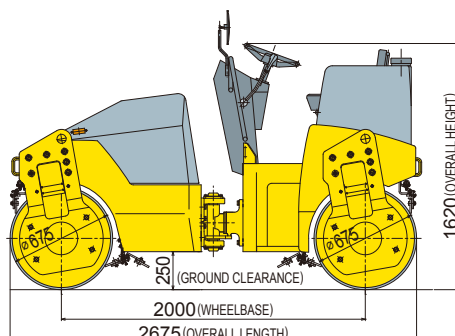
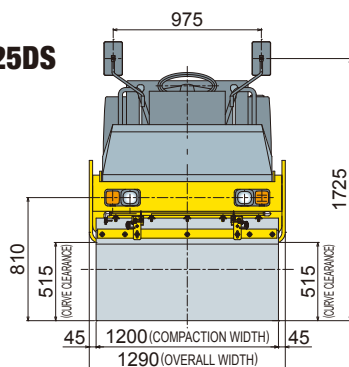
## ► Dimensions

Unit : mm

## KV25CS



## KV25DS



## ► Specifications

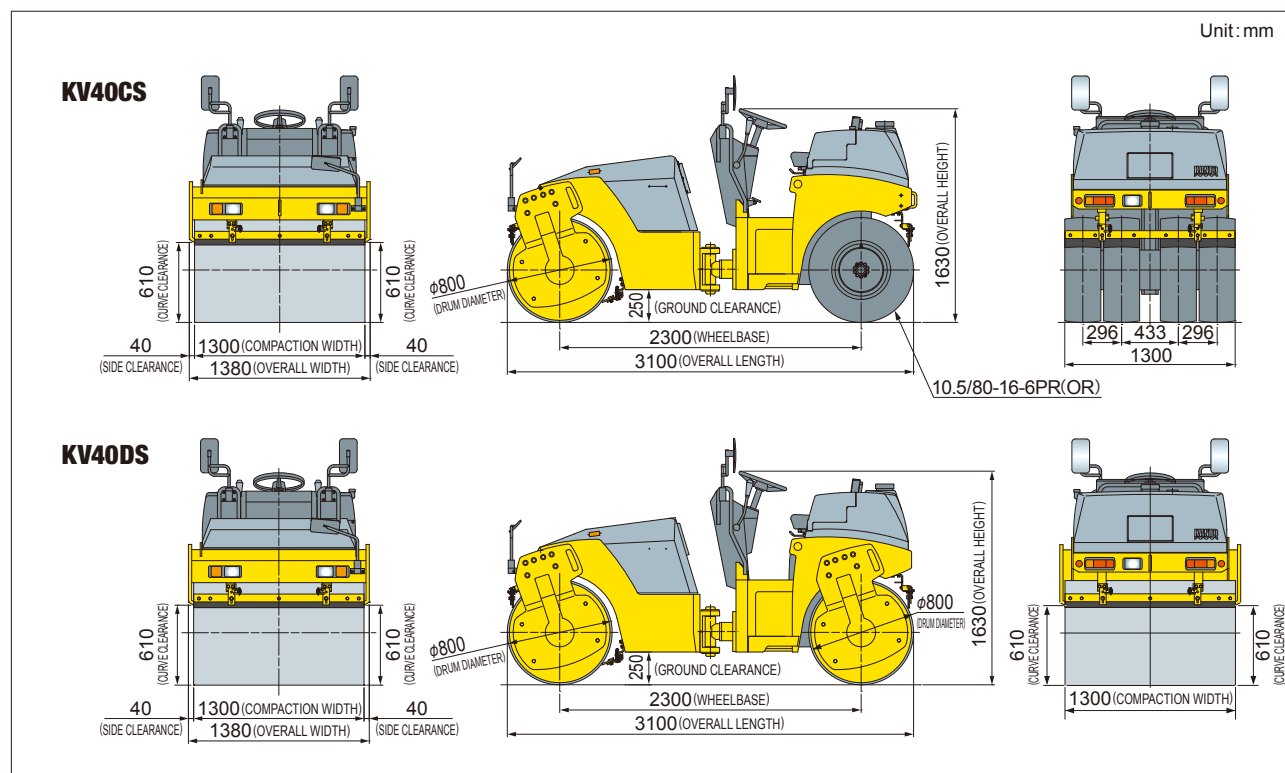
Model		KV25CS Combined Type	KV25DS Steel Drums
CHASSIS MARK		KV25C	KV25D
WEIGHT			
SHIPPING WEIGHT	kg	2,430	2,730
OPERATING WEIGHT	kg	2,700	3,000
LOAD ON FRONT	kg	1,450	
LOAD ON REAR	kg	1,250	1,550
ENGINE			
MANUFACTURER		MITSUBISHI S3L2-EDL2M	
TYPE		3-CYLINDER WATER COOLING, WHIRL CHAMBER SYSTEM	
RATED OUTPUT kW/min <sup>-1</sup> [PS/rpm]		17.7/2,500 [24/2,500]	
DISPLACEMENT L		1.318	
DRIVELINE			
TRANSMISSION		HYDROSTATIC TRANSMISSION	
REVERSE GEAR		VARIATION OF DISCHARGE by HYDRAULIC PUMP	
FINAL REDUCTION GEAR		DIRECT DRIVE	
EXCITATION			
POWER TRANSMISSION		HYDROSTATIC TYPE	
MOTION EXCITER		UNIAXIAL ECCENTRICITY	
MOUNTED POSITION		LOAD ON FRONT	LOAD ON FRONT/REAR

Model		KV25CS Combined Type	KV25DS Steel Drums
PERFORMANCE			
CENTRIFUGAL FORCE kN[kg]		22.6 [2,300]	20.6 [2,100]×2
FREQUENCY Hz[vpm]		58 [3,500]	
STATIC LINEAR LOAD N/cm (kg/cm)	F	118.7 (12.1)	118.7 (12.1)
	R	—(—)	126.7 (12.9)
DINAMIC LINEAR LOAD N/cm (kg/cm)	F	306.9 (31.3)	290.3 (29.6)
	R	—(—)	298.3 (30.4)
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			
SYSTEM		ARTICULATE TYPE	
TYPE		FULL HYDRAULIC TYPE	
OTHERS			
SPRINKLER UNIT		CENTRIFUGAL PUMP TYPE	
LIQUID SPRAY SYSTEM		TROCHOID PUMP	—
FUEL TANK	L	40	
SPRINKLER TANK	L	270	
LIQUID TANK	L	10	—
HYDRAULIC OIL TANK	L	30	

## ► Optional equipment

- Mesh seat cover
- Cold climates preparation (Ass'y)
- Back-up sensor

### ► Dimensions



### ► Specifications

Model		KV40CS Combined Type	KV40DS Steel Drums
CHASSIS MARK		KV40C-4 ***	KV40D-4***
WEIGHT			
SHIPPING WEIGHT	kg	3,270	3,670
OPERATING WEIGHT	kg	3,600	4,000
LOAD ON FRONT	kg	2,000	
LOAD ON REAR	kg	1,600	2,000
ENGINE			
MANUFACTURER		KUBOTA D1703-EDM	
TYPE		3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM	
RATED OUTPUT kW/min <sup>-1</sup> [PS/rpm]		21.2/2,300 [28.8/2,300]	
DISPLACEMENT L		1.647	
DRIVELINE			
TRANSMISSION		HYDROSTATIC TRANSMISSION/2 SPEED	
REVERSE GEAR		VARIATION OF DISCHARGE by HYDRAULIC PUMP	
FINAL REDUCTION GEAR		DIRECT DRIVE	
EXCITATION			
POWER TRANSMISSION		HYDROSTATIC TYPE	
MOTION EXCITER		UNIAXIAL ECCENTRICITY	
MOUNTED POSITION		LOAD ON FRONT	LOAD ON FRONT/REAR

Model		KV40CS Combined Type	KV40DS Steel Drums
PERFORMANCE			
CENTRIFUGAL FORCE	kN [kg]	24.5 [2,500]	24.5 [2,500]×2
FREQUENCY	Hz [vpm]	55 [3,300]	55 [3,300]
STATIC LINEAR LOAD N/cm (kg/cm)	F	151 (15.4)	151 (15.4)
	R	—(—)	151 (15.4)
DINAMIC LINEAR LOAD N/cm (kg/cm)	F	339.5 (34.6)	
	R	—(—)	339.5 (34.6)
SPEED RANGE	km/h	LOW 0-9.0, HIGH 0-12.0	LOW 0-7.5, HIGH 0-10.0
GRADEABILITY	%(deg)	40(22)	
MIN. TURNING RADIUS	m	4.3	
BRAKE SYSTEM			
MAIN BRAKE		HYDROSTATIC BRAKE	
PARKING BRAKE		WET MULTIPLATE BRAKE (MECHANICAL)	
STEERING SYSTEM			
SYSTEM		ARTICULATE TYPE	
TYPE		FULL 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	—
HYDRAULIC OIL TANK	L	35	

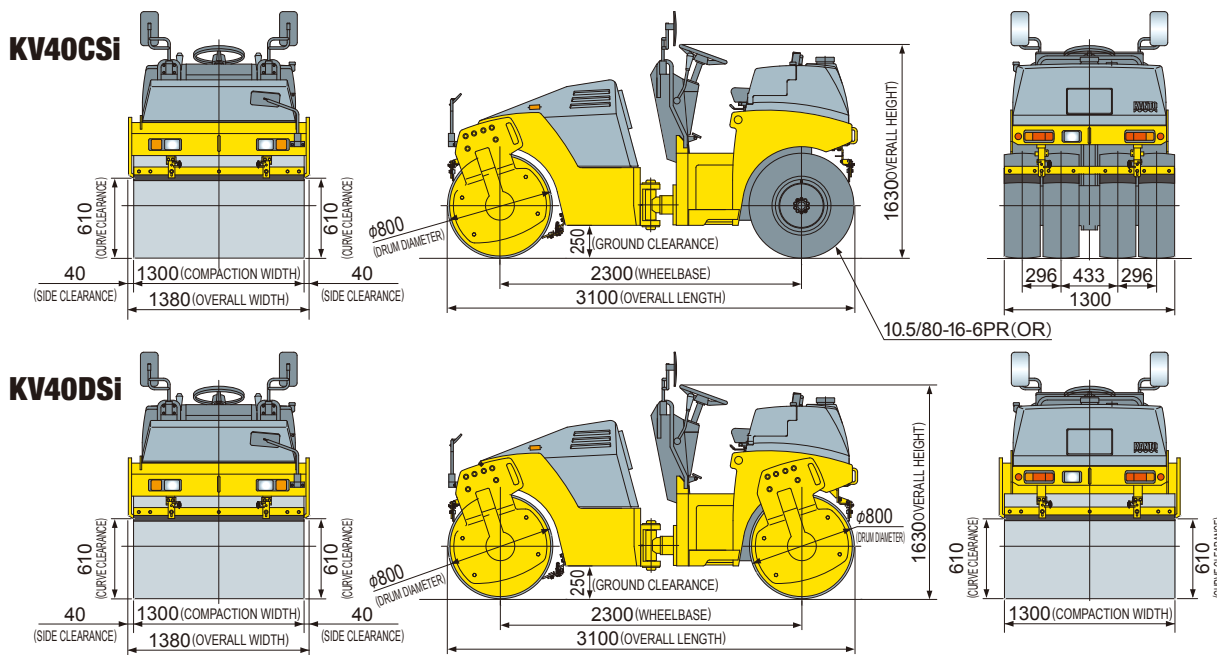
### ► Optional equipment

- Mesh seat cover
- Cold climates preparation (Piping)
- Back-up sensor

# KV40CSi/KV40DSi ▶ Ride-on Vibration Rollers

## ► Dimensions

Unit : mm



## ► Specifications

Model		KV40CSi Combined Type	KV40DSi Steel Drums
CHASSIS MARK		KV40C-4****	KV40D-4****
WEIGHT			
SHIPPING WEIGHT	kg	3,270	3,670
OPERATING WEIGHT	kg	3,600	4,000
LOAD ON FRONT	kg	2,000	
LOAD ON REAR	kg	1,600	2,000
ENGINE			
MANUFACTURER		KUBOTA D1803-CR	
TYPE		3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM	
RATED OUTPUT kW/min <sup>1</sup> [PS/rpm]		25.0/2,400 [34.0/2,400]	
DISPLACEMENT	L	1.826	
MIN. TURNING RADIUS	m	4.3	
DRIVELINE			
TRANSMISSION		HYDROSTATIC TRANSMISSION/2 SPEED	
REVERSE GEAR		VARIATION OF DISCHARGE by HYDRAULIC PUMP	
FINAL REDUCTION GEAR		DIRECT DRIVE	
EXCITATION			
POWER TRANSMISSION		HYDROSTATIC TYPE	
MOTION EXCITER		UNIAXIAL ECCENTRICITY	
MOUNTED POSITION		LOAD ON FRONT	LOAD ON FRONT/REAR

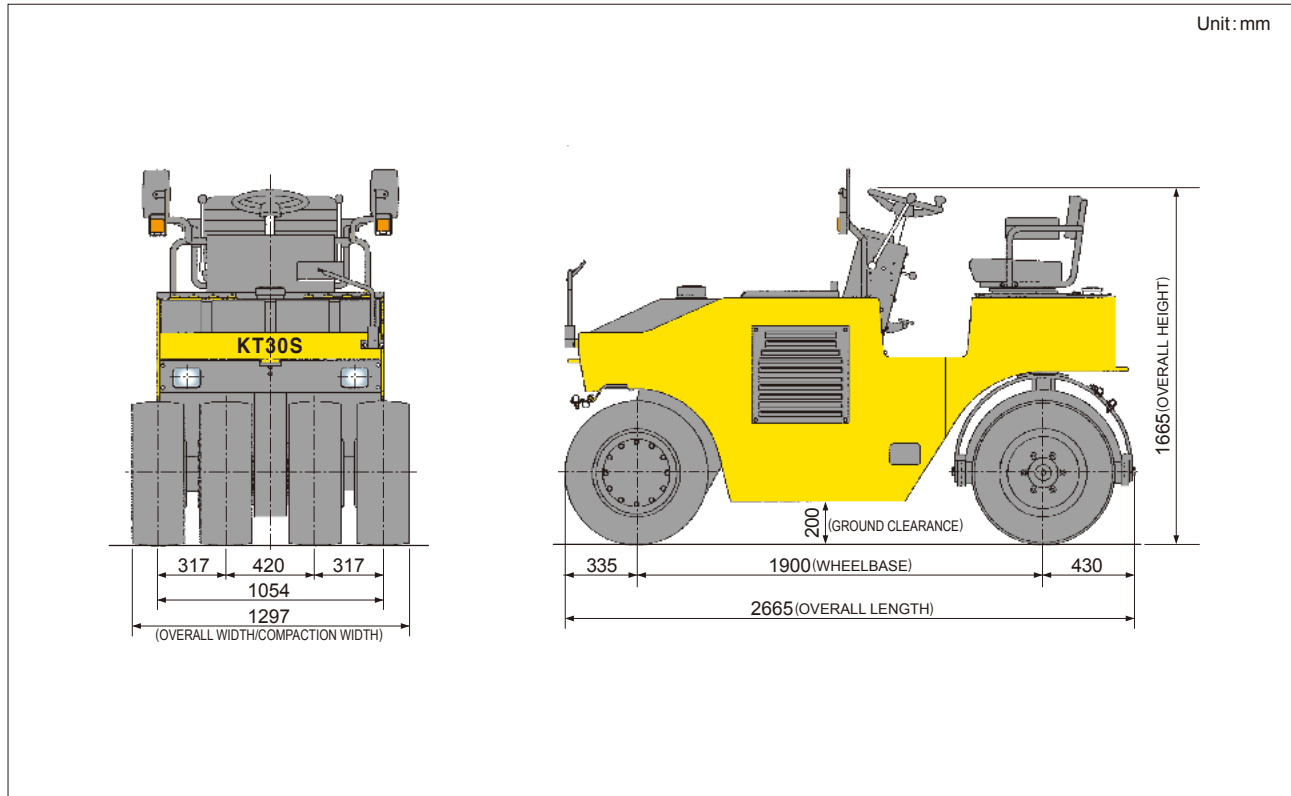
Model		KV40CSi Combined Type	KV40DSi Steel Drums
PERFORMANCE			
CENTRIFUGAL FORCE    kN [kg]		26.1 (2,665)	26.1×2 (2,665)×2
ECO mode		21.8 (2,220)	21.8 (2,220)×2
FREQUENCY                Hz [vpm]		57.5 (3,450)	57.5 (3,450)×2
ECO mode		52.5 (3,150)	52.5 (3,150)×2
STATIC LINEAR LOAD N/cm (kg/cm)	F	151 (15.4)	151 (15.4)
	R	— (—)	151 (15.4)
DINAMIC LINEAR LOAD N/cm (kg/cm)	F	351.9 [35.9]	
	R	— (—)	351.9 [35.9]
SPEED RANGE (F/R same)	Low    km/h	0~9.0	0~7.5
	Eco mode	0~8.5	0~7.0
	High   km/h	0~12.0	0~10.0
	Eco mode	0~11.5	0~9.5
GRADEABILITY            %(deg)		40 (22)	
MIN. TURNING RADIUS    m		4.3	
BRAKE SYSTEM			
MAIN BRAKE		HYDROSTATIC TYPE	
PARKING BRAKE		WET MULTIPLATE BRAKE (MECHANICAL)	
STEERING SYSTEM			
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	45	
SPRINKLER TANK	L	330	
LIQUID TANK	L	10	—
HYDRAULIC OIL TANK	L	35	

## ► Optional equipment

- Mesh seat cover
- Cold climates preparation (Piping)
- Back-up sensor



### ► Dimensions



### ► Specifications

Model		KT30S
CHASSIS MARK		KT30- ****
WEIGHT		
SHIPPING WEIGHT	TOTAL	kg 2,860
	LOAD ON FRONT	kg 1,640
	LOAD ON REAR	kg 1,220
OPERATING WEIGHT	TOTAL	kg 3,000
	LOAD ON FRONT	kg 1,770
	LOAD ON REAR	kg 1,230
LOAD PER TIRE		
IN SHIPPING WEIGHT	LOAD ON FRONT	kg 410
	LOAD ON REAR	kg 407
IN OPERATING WEIGHT	LOAD ON FRONT	kg 442
	LOAD ON REAR	kg 410
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)
BRAKE SYSTEM		
MAIN BRAKE	HYDROSTATIC BRAKE/ WET MULTIPLATE BRAKE (MECHANICAL)	
PARKING BRAKE	WET MULTIPLATE BRAKE (MECHANICAL)	

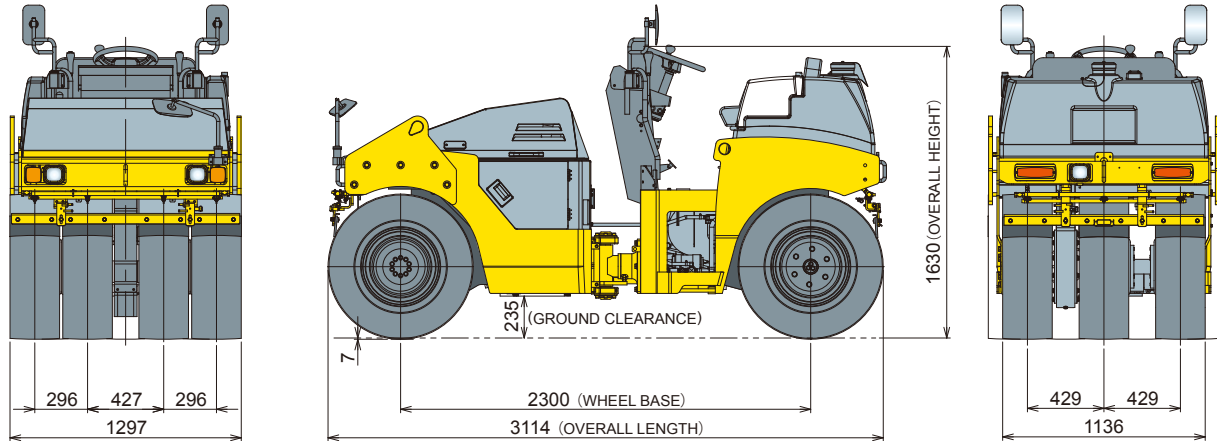
Model		KT30S
ENGINE		
MANUFACTURER		MITSUBISHI S3L2-EDL2M
TYPE		3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM
DISPLACEMENT	L	1.318
RATED OUTPUT	kW/min <sup>-1</sup> [PS/rpm]	17.7/2500 [24/2500]
TRANSMISSION SYSTEM		
TRANSMISSION		HYDROSTATIC TRANSMISSION
GEAR		2-speed
FINAL REDUCTION GEAR		PLANETARY GEAR TYPE
TIRES		
TIRE SIZE		9.5/65-15-6PR (OR)
NUMBER OF TIRES		4 FRONT TIRES × 3 REAR TIRES
AIR PRESSURE	kPa	325
TIRE OVERLAP	mm	105
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
HYDRAULIC OIL TANK	L	31

### ► Optional equipment

- Cold climates preparation
- Mesh seat cover
- Sprinkler timer

### ► Dimensions

Unit: mm



### ► Specifications

Model			KT40S
CHASSIS MARK			KT40S-3****
WEIGHT			
SHIPPING WEIGHT	No water	kg	3,240
OPERATING WEIGHT	Full water	kg	3,570
	Half water	kg	3,405
WEIGHT DISTRIBUTION	Ope weight (F water)	kg	F 1,945 / R 1,625
	Ope weight (1/2 water)	kg	F 1,940 / R 1,465
	Ope weight (No water)	kg	F 1,935 / R 1,305
TIRE WEIGHT (per one tire)			
	Ope weight (F water)	kg	F 486.3 / R 541.7
	Ope weight (1/2 water)	kg	F 485 / R 488.3
	Ope weight (No water)	kg	F 486.8 / R 435
PERFORMANCE			
SPEED RANGE	Low	km/h	0-6.7
	High	km/h	0-10
STATIC LINEAR LOAD	N/cm (kgf/cm)		—
GRADEABILITY	%(deg)		22
MIN. TURNING RADIUS	m		4.7
ENGINE			
MANUFACTURER		KUBOTA D1703-D1-K3A	
TYPE		3-CYLINDER VERTICAL WATER COOLING, WHIRL CHAMBER SYSTEM	
RATED OUTPUT	kW/min <sup>-1</sup>		18.2/2,200
DISPLACEMENT	L		1.647

Model		KT40S
DRIVE LINE		
TRANSMISSION		HYDROSTATIC TRANSMISSION / 2 SPEED
REVERSE GEAR		VARIATION OF DISCHARGE by HYDRAULIC PUMP
FINAL REDUCTION GEAR		DIRECT DRIVE
STEERING SYSTEM		
SYSTEM		ARTICULATE TYPE
TYPE		FULL HYDRAULIC TYPE
TIRES		
TIRE SIZE		10.5/80-16-6PR(OR) × 4
NUMBER OF TIRES		4 FRONT TIRES × 3 REAR TIRES
AIR PRESSURE		kPa400
BRAKE SYSTEM		
MAIN BRAKE		HYDROSTATIC BRAKE
PARKING BRAKE		WET MULTIPLATE BRAKE (MECHANICAL)
OTHERS		
SPRINKLER UNIT		ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)
LIQUID SPRAY SYSTEM		ELECTRIC PRESSURE-FED TYPE (PRESSURE ATOMIZATION)
FUEL TANK		L45
SPRINKLER TANK		L330
LIQUID TANK		L10

- **Optional equipment**
- Mesh seat cover
  - Back-up sensor





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- 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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KANTO-TK

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