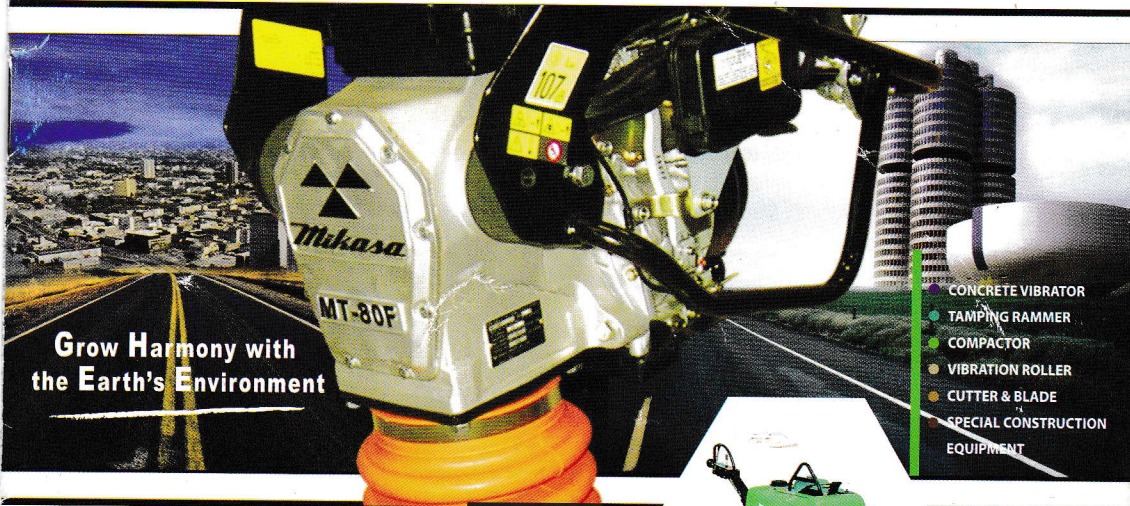


Mikasa



CONSTRUCTION EQUIPMENT
三笠総合カタログ
 MADE IN JAPAN



Grow Harmony with
 the Earth's Environment

- CONCRETE VIBRATOR
- TAMPING RAMMER
- COMPACTOR
- VIBRATION ROLLER
- CUTTER & BLADE
- SPECIAL CONSTRUCTION EQUIPMENT



The specifications in this brochure is based on "MIKASA TECHNICAL STANDARD"
 "MIKASA TECHNICAL STANDARD" is defined referring to ISO, EU, Directive, JIS and other technical standard.

Weights The static weights of the unit should include the followings.
 - Lubricant, Hydraulic Oil of the machine at proper level
 - Half of the fuel tank content
 - Half of the Water tank content in case of using water tank

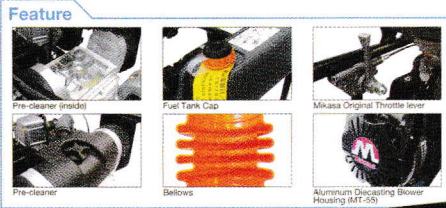
Dimensions Basically indicated in mm except for hose length.

Output of Power Source It shows Maximum Output (kW) in catalogue of engine manufacturer.
 It does not always mean max. under operation of the machine.

Limited Gradeability Maximum grade of the mounted engine which works without trouble.

Tamping Rammer

Tamping Rammer
 SPECIFICATIONS
 FEATURE



MT-80F

MT-76D

model	MT-80F	MT-76D
plate size (LxW)	340 x 285 mm	340 x 285 mm
jumping stroke	50 - 75 mm	50 - 80 mm
impact number	642 - 679 blow/min	656 - 698 blow/min
impact force	13.7 kN (1,400kgf)	15.7 kN (1,600kgf)
power source	Robin EH12-2D	Yanmar L48N
HP	2.6 kW (3.5 PS)	3.5 kW (4.2 PS)
starting method	Recoil	Recoil
fuel/ capacity	Gasoline/ 2.5 liters	Diesel/ 3.3 liters
overall LxWxH (mm)	720 x 415 x 1,043	720 x 410 x 1,010
operating weight	83 kg	82 kg

Features and specifications are subject to change without notification

Mikasa

Reversible Compactor



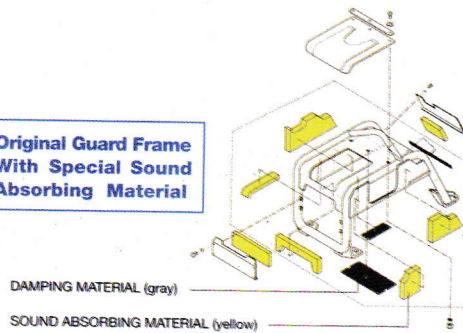
MVH-306DS



MVH-306GH



Original Guard Frame With Special Sound Absorbing Material



Reversible Compactor
SPECIFICATIONS

model	MVH-306DS	MVH-306GH
dimensions (LxH)	1,570 x 970 mm	1,570 x 970 mm
weight	336 kg	308 kg
plate size (LxW)	860 x 445 mm	860 x 445 mm
vibrating frequency	73 Hz (4,400 V.P.M)	73 Hz (4,400 V.P.M)
centrifugal force	45.0 kN (4,600 kgf)	45.0 kN (4,600 kgf)
max. traveling speed	23 m/ min	23 m/ min
limited gradeability	35 °	35 °
power source	Yanmar L70N max.output 4.9kW (6.7 PS) diesel engine electric start	Honda GX270 max.output 6.0kW (8.2 PS) gasoline engine recoil

Features and specifications are subject to change without notification

Mikasa

Plate Compactor

Plate Compactor
SPECIFICATIONS



MVC-T90H

MVC-90BG

MVC-F90R

model	MVC-T90H	MVC-90BG	MVC-F90R
dimensions (LxH)	1100 x 825 mm	1160 x 720 mm	915 x 860 mm
weight	102 kg	81 kg	87 kg
plate size (LxW)	525 x 500 mm	500 x 560 mm	570 x 450 mm
vibrating frequency	100 Hz (6,000V.P.M)	97 Hz (5,800V.P.M)	93 Hz (5,600V.P.M)
centrifugal force	15.0 kN (1,530kgf)	15.2 kN (1,550kgf)	13.7 kN (1,400kgf)
max. traveling speed	25 m/ min	25 m/ min	25 m/ min
limited gradeability	35 %	35 %	35 %
power source	Engine Gasoline (5.0 PS)	Engine Gasoline (5.0 PS)	Engine Gasoline (5.5 PS)

Power Trowel

Power Trowel
SPECIFICATIONS

MPT-36B



model	MPT-36B
blade dimensions	L:345mm, W:205mm
dimensions	L : 1,610 mm W : 1,010 mm H : 810 mm
power source	Engine Gasoline (5.5-6.5PS)
trowel diameter	910 mm
trowel speed	50-100 r.p.m
weight	74 kg

Features and specifications are subject to change without notification

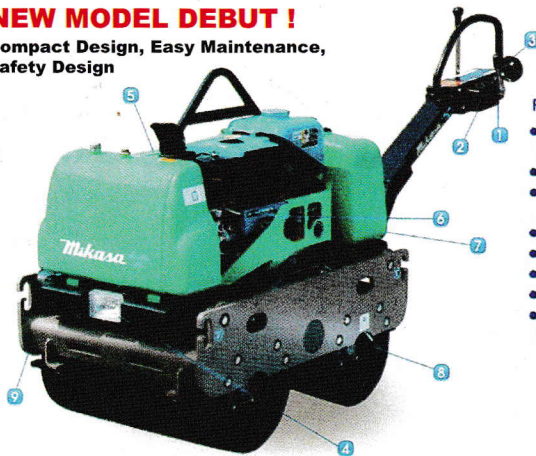
Mikasa

Vibration Roller

Vibration Roller
FEATURE

NEW MODEL DEBUT !
Compact Design, Easy Maintenance,
Safety Design

**NEW
PRODUCT**



FEATURE

- Safety starting system : Engine start can be operated under neutral travelling position.
- Easy maintenance Center Cover.
- Mikasa original strainer & Water tank design: Prevention from clogging of sprinkling pipe.
- Engine Guard : Resist shock and protect the engine.
- Dust & Water Proof : Increase of durability.
- Head Light as standard equipment.
- Front rubber bumper as standard equipment.
- Emergency stop switch, Parking brake, drum stopper as standard equipment.



1 horn light switch



2 vibration switch



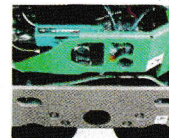
3 dead man handle push stop



4 head light / rubber bumper



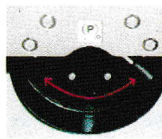
5 center cover



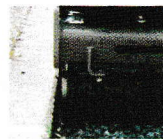
6 engine guard



7 drum stopper



8 parking brake



9 fully hydraulic-drive system



MRH-601DSA

MRH-501DS

Vibration Roller
SPECIFICATIONS

model	MRH-501DS (water cooled)	MRH-601DS (water cooled)
dimensions (LxWxH)	2,265 x 617 x 1,195 mm	2,265 x 692 x 1,195 mm
drum size	Dia:355mm, Width:575mm	Dia:355mm, Width:650mm
vibrating frequency	55 Hz (3,300 V.P.M)	55 Hz (3,300 V.P.M)
centrifugal force	9.8 kN (1,000 kgf)	10.8 kN (1,100 kgf)
traveling speed	0-3 km/ h	0-3 km/ h
limited gradeability	35%	35%
water tank	30 liters	30 liters
oil tank	22 liters	22 liters
power source	Engine diesel (6.5 PS)	Engine diesel (6.5 PS)
weight	530 kg	551 kg

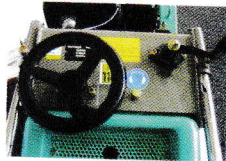
Features and specifications are subject to change without notification

Mikasa

Concrete Cutter

Concrete Cutter
SPECIFICATIONS

Features

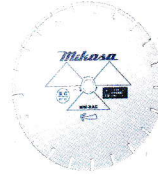


semi self propeling



hour & tachometer (for MCD-218CEH)

Diamond Blade



Standard

MW-RAC:
For Cutting Asphalt
and Concrete

Size : 12", 14", 16", 18"



plastic water tank



electric start



belt cover



parking brake



double water pipe for cooling both sides



MCH-300LB

MCD-214V

model	MCH-300LB	MCD-214V
dimensions (LxWxH)mm	635x255x355	1,990x585x981
weight (kg)	11.3	149
blade size	12"	14"~16"
cutting depth	100 mm	70~120 mm
arbor size	22 - 30.5 mm	27 mm
adjusting for cutting depth	-	manual lifting screw system
cooling system	-	centrifugal injection type
water tank capacity (lits.)	0.64	45
power source	CSG673 (3.6 PS)	Engine Gasoline (8 - 13 PS)

Features and specifications are subject to change without notification

Mikasa

Frequency & Voltage Converter

Frequency & Voltage Converter

SPECIFICATIONS

model	FC-401
dimensions (LxWxH)	640 x 520 x 525 mm
weight (kg)	80
input	10.4 A, 6.85 KVA, 50/60 Hz 380 V (3 phase)
output	48 A, 4 KVA, 200-240 Hz 48 V (3 phase)
number of outlets	3

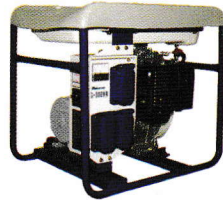


FC-401

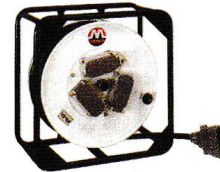
Frequency Generator

SPECIFICATIONS

Frequency Generator



FR-8A



FG-300VR

model	dimensions (mm)	weight	output	cycle	power source	number outlets
FG-300VR	L:580, W:455, H:530	53 kg	48 V 37.2 A 3.1 KVA	240 Hz	Robin EH252D (8.0 PS)	3

High Cycle Concrete Vibrator

SPECIFICATIONS

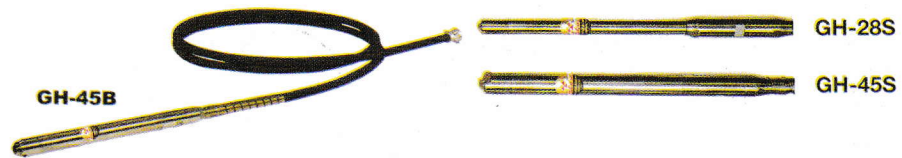
High Cycle Concrete Vibrator

model	vib.head dia. x length	rubber hose	voltage	cycle (Hz)	input (KVA)	vibration	cable length	kg 4m/ 6 m
FX-30	32 x 396 mm	4 / 6m	48V	200/240	0.33	200/ 240 Hz (12,000-14,000 V.P.M)	15 m	9.1/10.3
FX-40	43 x 396 mm	4 / 6m	48V	200/240	0.49	200/ 240 Hz (12,000-14,000 V.P.M)	15 m	12.0/13.7
FX-50	52 x 413 mm	4 / 6m	48V	200/240	0.79	200/ 240 Hz (12,000-14,000 V.P.M)	15 m	14.8/16.5
FX-60	61 x 485 mm	4 / 6m	48V	200/240	1.5	200/ 240 Hz (12,000-14,000 V.P.M)	15 m	18.0/19.9

Features and specifications are subject to change without notification

Mikasa

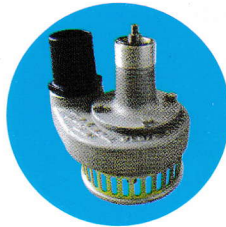
GH-Series



Shaft Concrete Vibrator

Flexible Shaft Type
SPECIFICATIONS

model	vib. head dia. x length	flexible shaft dia.	rubber hose dia.	length	V.P.M	weight
GH-28B/S	28.5 x 477 mm	9.5 mm	31 mm	4/6 m	9,000-12,500	4m 10.6 kg
						6m 14.7 kg
GH-38B/S	38 x 480 mm	9.5 mm	31 mm	4/6 m	9,000-12,500	4m 11.9 kg
						6m 15.7 kg
GH-45B/S	45 x 494 mm	9.5 mm	31 mm	4/6 m	9,000-12,500	4m 13.3 kg
						6m 17.4 kg
GH-70B/S	72 x 355 mm	12.7 mm	32 mm	6 m	9,000-12,500	6m 21.4 kg



Submersible Pump

Submersible Pump
SPECIFICATIONS

model	capacity (max)	dja. of discharging port	flexible shaft dia. x length	head max	hose dia. x length	power source	R.P.M	total weight
WP-3LB	1,200 liters/ min	76 mm (3")	13 x 5mm	23 m	32 x 5mm	Engine Gasoline (5.5 PS)	3,000-3,400	5m 22 kg
			13 x 7mm		32 x 7mm			7m 28 kg

Features and specifications are subject to change without notification

Mukasa

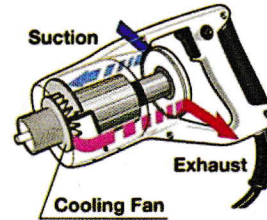
Portable Concrete Vibrator

Portable Concrete
Vibrator
SPECIFICATIONS



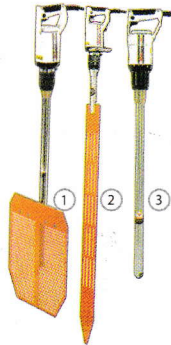
MGX

MGX/MGZ MOTOR



model	vib.head dia. x length	inner shaft dia.	rubber chasing dia.	amplitude	vibration	power output (1 phase)	weight (kg)
MGX-23	23x780 mm	8 mm	20 mm	1.2 mm	200 - 258 Hz (12,000-15,500V.P.M)	280 W	4.2
MGX-28	28x780 mm	8 mm	24.6 mm	1.8 mm	200 - 258 Hz (12,000-15,400V.P.M)	280 W	4.6
MGX-38	38x780 mm	8 mm	24.6 mm	2.0 mm	200 - 258 Hz (12,000-15,500V.P.M)	280 W	5.1

Portable Concrete
Vibrator
SPECIFICATIONS



(1) MGZ-N410

(2) MGZ-S1200

(3) MGZ-L32

model	MGZ-N410	MGZ-S1200	MGZ-L32A
vib. head dia. x length	28 X 1,155 mm	32X 1,730 mm	32 X 1,030 mm
vibration board size	L: 405, W:300	L: 1,219, W: 120	-
amplitude	-	-	2.1 mm
vibration	200 - 258 Hz (12,000-15,000V.P.M)		
power (single phase)	output: 280 W	output: 280 W	output: 280 W
weight (kg)	8.1	7.6	6.3

MGZ-F100A



MGZ-K75



model	vib.head dia x length	vibration board size	vibration	power (single phase)	weight
MGZ-K75	492 x 140 mm	75 x 70 mm	200-258 Hz (12,000-15,500V.P.M)	280 W	5.4 kg
MGZ-F100A	395 x 78 mm	78 x 100 mm	166-200 Hz (10,000-12,000V.P.M)	280 W	5.0 kg

Features and specifications are subject to change without notification

Mikasa

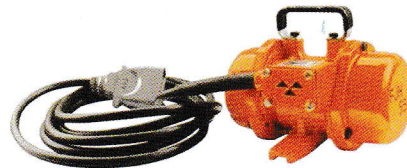
External Vibrating Motor

FJH-SERIES
External Vibrating
Motor
SPECIFICATIONS

FJH-SERIES



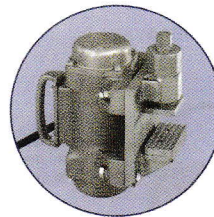
FJ-80



FJH-550



FJH-750



FJ300S-4P

model	FJ-80	FJ300S-4P	FJH-550(S)	FJH-750(S)
output	80 W	300 W	550 W	750 W
voltage	48 V	48 V	48 V	48 V
ampere	2.2 A	8.0 A	17.0 A	17.0 A
frequency	200/ 240	200/ 240	200/ 240	200/ 240
no. of pole	4	4	4	4
centrifugal force	100kgf	78-300 kgf/ 112-432 kgf	210-810 kgf/ 300-1,150 kgf	315-1,170 kgf/ 455-1,680 kgf
V.P.M	6,000	6,000/ 7,200	6,000/ 7,200	6,000/ 7,200
weight (kg)	5.9 kg	8.8 kg	18.0 (18.8) kg	21.1 (21.9) kg

Features and specifications are subject to change without notification

Makasa