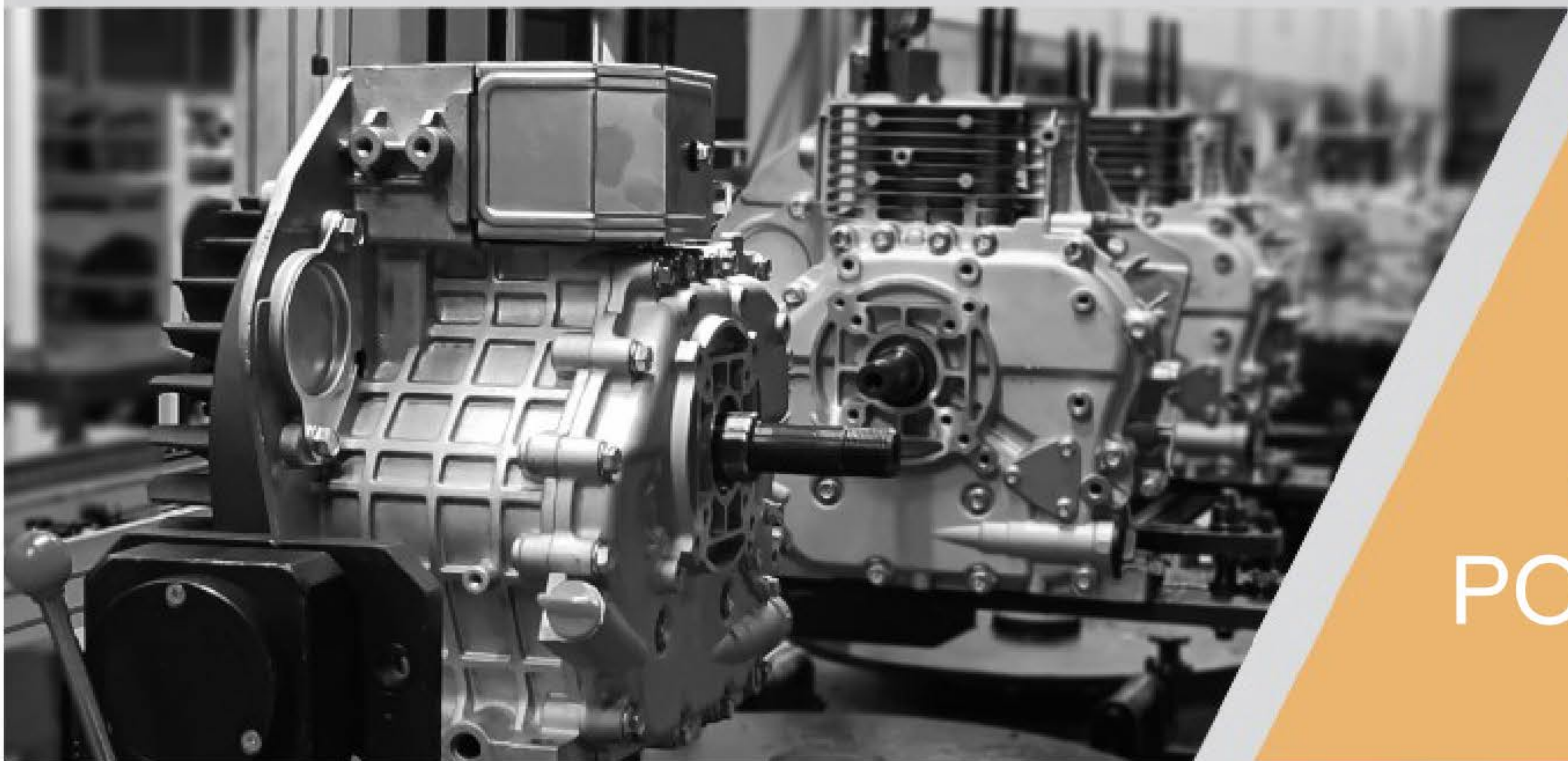




TAVAS[®]

CHANGZHOU TAVAS
POWER TECH CO., LTD.

常州特维斯动力科技有限公司

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Certificates



Company Intro

TAVAS inherits the excellent reputation of Wuling in China for almost half a century. After two modernization upgrades in 2019 and 2022, It has become a leading diesel engine&generator manufacturer in China in terms of capacity and technology.

Sustainable future: TAVAS is committed to providing the world with Eco-friendly, low-emission and low-noise engines It is one of the few manufacturers to have developed a high-powered air-cooled engine that meets Euro 5 emissions certification.

Fully certified: In addition to CE certification, TAVAS also holds EURO 5, ROHS, NE and EMC certificates, providing our partners with a comprehensive, authentic and reliable endorsement.

Above industry standards: TAVAS insisted on the management of production and operation based on ISO9001 &ISO14001 and passed the factory audit with high scores by SGS and TUV Rheinland. We continue to implement advanced manufacturing systems that reduces the defect rate to the lowest in the industry through a multiple workstations re-inspection mechanism that combines skilled team and smart production lines. Higher accuracy of assembly process,longer manufacturing time of products, more efficient mass production and less labour intensity of workers.

Growing with our partners: TAVAS offers value beyond the products themselves. We are willing to learn the needs of our partners, to offer reliable integrated solutions for you, and to take positive action.



Organisations Cooperating

- United Nations International Children's Emergency Fund
- Lomonosov Moscow State University
- Ministry of Agriculture and Cooperatives(Thailand)
- Royal Thai Navy
- Ministry of Agriculture of the Republic of Indonesia
- Czech Airlines

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PLATE COMPACTOR

Features:

- 1. Tractable design handle for use on hillsides.
- 2. Engine balance center design, better tamping effect.
- 3. High carbon steel/alloy steel eccentric vibrator, wear and heat resistance, dynamic balance.



Optional



Cast Iron Base Plate



Lifting Hook

PLATE COMPACTOR

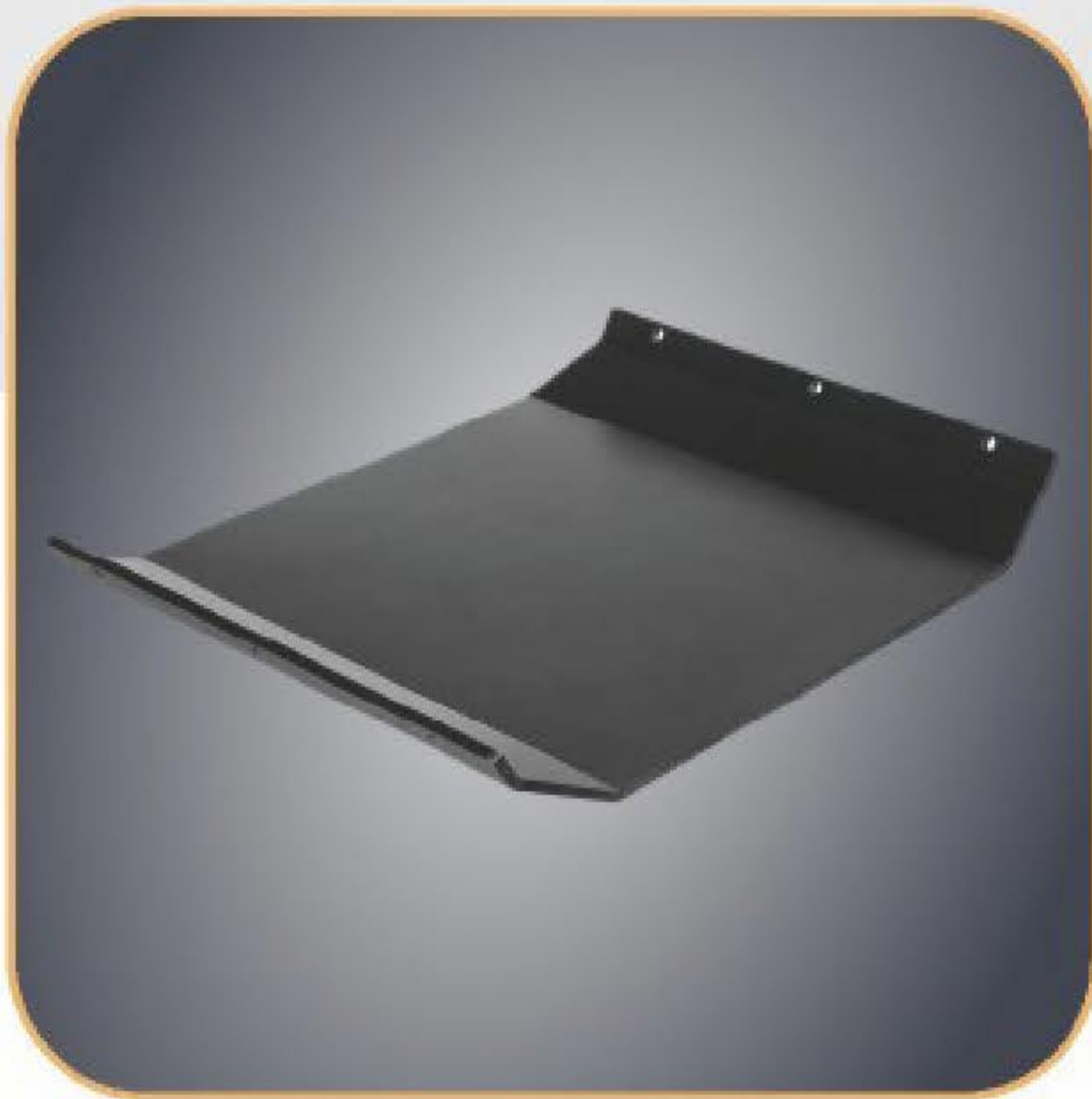
Features:

- 4. Ball mill cast iron base plate, strong and wear-resistant, no trace tamping
- 5. Long life roller bearing (NSK optional)
- 6. Fully enclosed transmission system, high durability belt, high transmission efficiency
- 7. Collapsible handle with shock-absorbing design



Various Engines

Optional



Rubber Mat



Transportation Wheels



Drip System

TAVAS 8KN
PLATE COMPACTOR



TWS-P50

TWS-P50+

TWS-P50 Series		
Model	TWS-P50	TWS-P50+
Operating Weight(kg)	50	50
Plate Size(cm)	L:43 W:30	L:43 W:30
Vibrantion Frequency Hz(v.p.m)	93(5600)	98(5900)
Centrifugal Force(max) kN(kgf)	8.2(850)	8.2(850)
Compaction Depth(cm)	20	20
max.Travel Speed(cm/s)	22	22
Dimension(cm)	L:73.5 W:41.5 H:53	L:90 W:31 H:38
Shipping Weight(kg)	52	52
Power Source (hp)	Lifan 154F (2.5)	

TAVAS 12KN 15KN
PLATE COMPACTOR



TWS-P65

TWS-P65+

TWS-P65 Series		
Model	TWS-P65	TWS-P65+
Operating Weight(kg)	65	65
Plate Size(cm)	L:51 W:37	L:50 W:36.5
Vibrantion Frequency Hz(v.p.m)	108(6500)	108(6500)
Centrifugal Force(max) kN(kgf)	12(1300)	12(1300)
Compaction Depth(cm)	30	30
max.Travel Speed(cm/s)	25	25
Water Tank Capacity(L)	/	9.5
Dimension(cm)	L:80 W:42 H:68	L:80 W:43 H:58.5
Shipping Weight(kg)	70	71
Power Source (hp)	Honda GX160 (5.5) / Robin EY20 (5.0) Loncin G200F (6.5)	

TAVAS 12KN 15KN PLATE COMPACTOR



TWS-P80 Series			
Model	TWS-P80	TWS-P100	TWS-P120
Operating Weight(kg)	76	93	88
Plate Size(cm)	L:55 W:45	L:58.5 W:46	L:58.5 W:45
Vibrantion Frequency Hz(v.p.m)	93(5600)	75(4500)	70(4200)
Centrifugal Force(max) kN(kgf)	15(1600)	15(1600)	18(2000)
Compaction Depth(cm)	30	30	40
max.Travel Speed(cm/s)	25	25	25
Dimension(cm)	L:68.5 W:51.5 H:69	L:71 W:51 H:78	L:68.5 W:51.5 H:69
Shipping Weight(kg)	80	97	93
Power Source (hp)	Honda GX160 (5.5) / Robin EY20 (5.0) / Loncin G200F (6.5)		

TAVAS 12KN 15KN PLATE COMPACTOR



TWS-P90 Series			
Model	TWS-P90	TWS-P90+	TWS-P110
Operating Weight(kg)	76	83	103
Plate Size(cm)	L:51 W:48	L:53 W:50	L:57.5 W:46.5
Vibrantion Frequency Hz(v.p.m)	91(5500)	91(5500)	75(4500)
Centrifugal Force(max) kN(kgf)	15(1600)	13(1400)	18(2000)
Compaction Depth(cm)	30	30	30
max.Travel Speed(cm/s)	25	40	25
Water Tank Capacity(L)	12	12	12
Dimension(cm)	L:80 W:51 H:67	L:110 W:83 H:50	L:80.5 W:49.5 H:67
Shipping Weight(kg)	84	91	108
Power Source (hp)	Honda GX160 (5.5) / Robin EY20 (5.0) / Loncin G200F (6.5)		

TAVAS 20KN 40KN
PLATE COMPACTOR



TWS-P150
Reversible

TWS-P150+
Reversible

TWS-P150Y
Reversible

TWS-P150 Series			
Model	TWS-P150	TWS-P150+	TWS-P150Y
Operating Weight(kg)	106	150	130
Plate Size(cm)	L:65.5 W:45	L:73 W:37	L:65 W:40
Vibrantion Frequency Hz(v.p.m)	70(4200)	67(4000)	90(5400)
Centrifugal Force(max) kN(kgf)	20(2100)	30.5(3200)	20(2100)
Compaction Depth(cm)	40	50	40
max.Travel Speed(cm/s)	25	25	22
Water Tank Capacity(L)	11	/	/
Dimension(cm)	L:88 W:54.5 H:102	L:86 W:57 H:93	L:80 W:45 H:110
Shipping Weight(kg)	119	160	140
Power Source (hp)	Honda GX160 (5.5) / Robin EY20 (5.0) / Loncin G200F (6.5)		

TAVAS 20KN 40KN
PLATE COMPACTOR



TWS-P160
Reversible

TWS-P160Y
Reversible

TWS-P160 Series		
Model	TWS-P160	TWS-P160Y
Operating Weight(kg)	170	165
Plate Size(cm)	L:70 W:50	L:70 W:50
Vibrantion Frequency Hz(v.p.m)	70(4200)	90(5400)
Centrifugal Force(max) kN(kgf)	30(3100)	30(3100)
Compaction Depth(cm)	45	45
max.Travel Speed(cm/s)	25	20
Dimension(cm)	L:83 W:53 H:105	L:90 W:56 H:110
Shipping Weight(kg)	182	180
Power Source (hp)	Honda GX160 (5.5) / Robin EY20 (5.0) / Loncin G270F (9.0)	

TAVAS 20KN 40KN PLATE COMPACTOR



TWS-P330
Reversible

TWS-P330+
Reversible

TWS-P330 Series		
Model	TWS-P330	TWS-P330+
Operating Weight(kg)	247	264
Plate Size(cm)	L:83.5 W:67	L:89 W:61
Vibration Frequency Hz(v.p.m)	62.5(3750)	62.5(3750)
Centrifugal Force(max) kN(kgf)	38(3874)	38(3874)
Compaction Depth(cm)	80	90
max.Travel Speed(cm/s)	25	35
Dimension(cm)	L:96 W:55 H:108	L:178 W:67 H:90
Shipping Weight(kg)	267	285
Power Source (hp)	Honda GX390 (13.0) / Loncin G420F (14.0)	

TAMPING RAMMER

Features:

- 1.Laser cutting and CNC machining ensure precise gear meshing, reducing noise and vibration.
- 2.Laser-positioned bearing seats reduce wear during high-speed operation.
- 3.Gearbox cover counterweight design improves jumping stability.



Optional



Enhanced Air Filter



Engine Protection Cage



Transportation Wheels

TAMPING RAMMER

Optional



Rato RM120-V



Honda GXR120



Honda GX160



Loncin LC168F



Robin EY20

Features:

- 4.Heat-treated gears, shafts, and rods offer better wear and fatigue resistance.
- 5.Clutch auto-slip protection ensures smooth and safe transmission.
- 6.Thread-locking bolts with fixed torque provide reliable assembly.
- 7.German imported polyurethane bellows offer superior elasticity, durability, and tear resistance.

TAVAS 9KN 12KN TAMPING RAMMER



TWS-R60



TWS-R60+

TWS-R60 Series		
Model	TWS-R60	TWS-R60+
Operating Weight(kg)	63	58
Plate Size(cm)	L:34 W:26.5	L:33 W:28.5
Impact Force(max)(KN)(kgf)	9.8 (1000)	11 (1200)
Impact Number(per min)	650-695	650-695
Fuel TankCapacity(L)	2	2.2
Dimension(cm)	L:76 W:40 H:112	L:76 W:40 H:112
Shipping Weight(kg)	68	64
Power Source (hp)	Rato RM120-V (4.0) / Honda GXR120 (4.0)	

TAVAS 9KN 12KN
TAMPING RAMMER



TWS-R70



TWS-R70+

TWS-R70 Series		
Model	TWS-R70	TWS-R70+
Operating Weight(kg)	68	75
Plate Size(cm)	L:34 W:28.5	L:33 W:28.5
Jumping Strike(max)(mm)	40-65	40-85
Impact Force(max)(KN)(kgf)	12 (1310)	14 (1530)
Impact Number(per min)	450-660	650-695
Fuel Tank Capacity(L)	2.8	2.2
Dimension(cm)	L:79.5 W:49 H:111	L:76 W:46 H:112
Shipping Weight(kg)	76	80
Power Source (hp)	Rato RM120-V(4.0) / Honda GXR120 (4.0)	

TAVAS 9KN 12KN
TAMPING RAMMER



TWS-R80



TWS-R80+

TWS-R80 Series		
Model	TWS-R80	TWS-R80+
Operating Weight(kg)	76	71
Plate Size(cm)	L:34 W:28.5	L:34 W:28.5
Jumping Strike(max)(mm)	40-65	40-85
Impact Force(max)(KN)(kgf)	10 (1100)	13 (1420)
Impact Number(per min)	450-660	450-695
Fuel Tank Capacity(L)	2.8	2.35
Dimension(cm)	L:78.5 W:48 H:114	L:76 W:13 H:112
Shipping Weight(kg)	83	79
Power Source (hp)	Honda GX160 (5.5) / Robin EH12 (4.0) / Loncin LC168F (6.5)	

TAVAS 13KN 16KN
TAMPING RAMMER



TWS-R85

TWS-R85+

TWS-R85 Series		
Model	TWS-R85	TWS-R85+
Operating Weight(kg)	80	79
Plate Size(cm)	L:34 W:28.5	L:33 W:28.5
Jumping Strike(max)(mm)	40-80	40-80
Impact Force(max)(KN)(kgf)	14 (1500)	13 (1400)
Impact Number(per min)	640-680	640-680
Fuel Tank Capacity(L)	2.8	2.8
Dimension(cm)	L:78.5 W:48 H:114	L:76 W:52 H:112
Shipping Weight(kg)	87	86
Power Source (hp)	Loncin LC168F(6.5) / Honda GX160(5.5)	

TAVAS 13KN 16KN
TAMPING RAMMER



TWS-MK85+

TWS-MK85+	
Model	TWS-MK85+
Operating Weight(kg)	77
Plate Size(cm)	L:34 W:28.5
Jumping Strike(max)(mm)	50-80
Impact Force(max)(KN)(kgf)	15.6 (1600)
Impact Number(per min)	10.7-11.3
Fuel Tank Capacity(L)	2.8
Dimension(cm)	L:80 W:45.5 H:110
Shipping Weight(kg)	84
Power Source (hp)	Robin EH12 (4.0) / Dinking DK165F (4.0)

TAVAS CONCRETE CUTTER

EURO 5 CE



CONCRETE CUTTER

Features:

1. Abundant power reserve, suitable for high-speed cutting.
2. High strength stable frame with heavy wheel, easy to drive, precise cutting.
3. Can be quickly disassembled water tank and double-side spray cooling, inhibit dust.
4. Lightweight design, easy to move.
5. Diamond cutting tray



Drip System

Optional



Honda GX160/GX390



Loncin G200F/G390F



Robin EY20/EY28

TAVAS 8CM 16CM
CONCRETE CUTTER



TWS-C300/C400		
Model	TWS-C300	TWS-C400
Operation Weight (kg)	68	92
Blade Size (cm)	30.0-35.0	30.0-40.0
Cutting Depth(max)(cm)	8	13.5
Driving Mode	Manual Push	Manual Push
Water Tank Capacity(L)	11	13
Dimension(cm)	L:74 W:50.5 H:88	L:85 W:56.5 H:100
Shipping Weight(kg)	73	111
Power Source (hp)	Honda GX160(5.5) Loncin G200F(5.5)	Honda GX390(13.0) Loncin G420F(14.0)

TAVAS 8CM 16CM
CONCRETE CUTTER

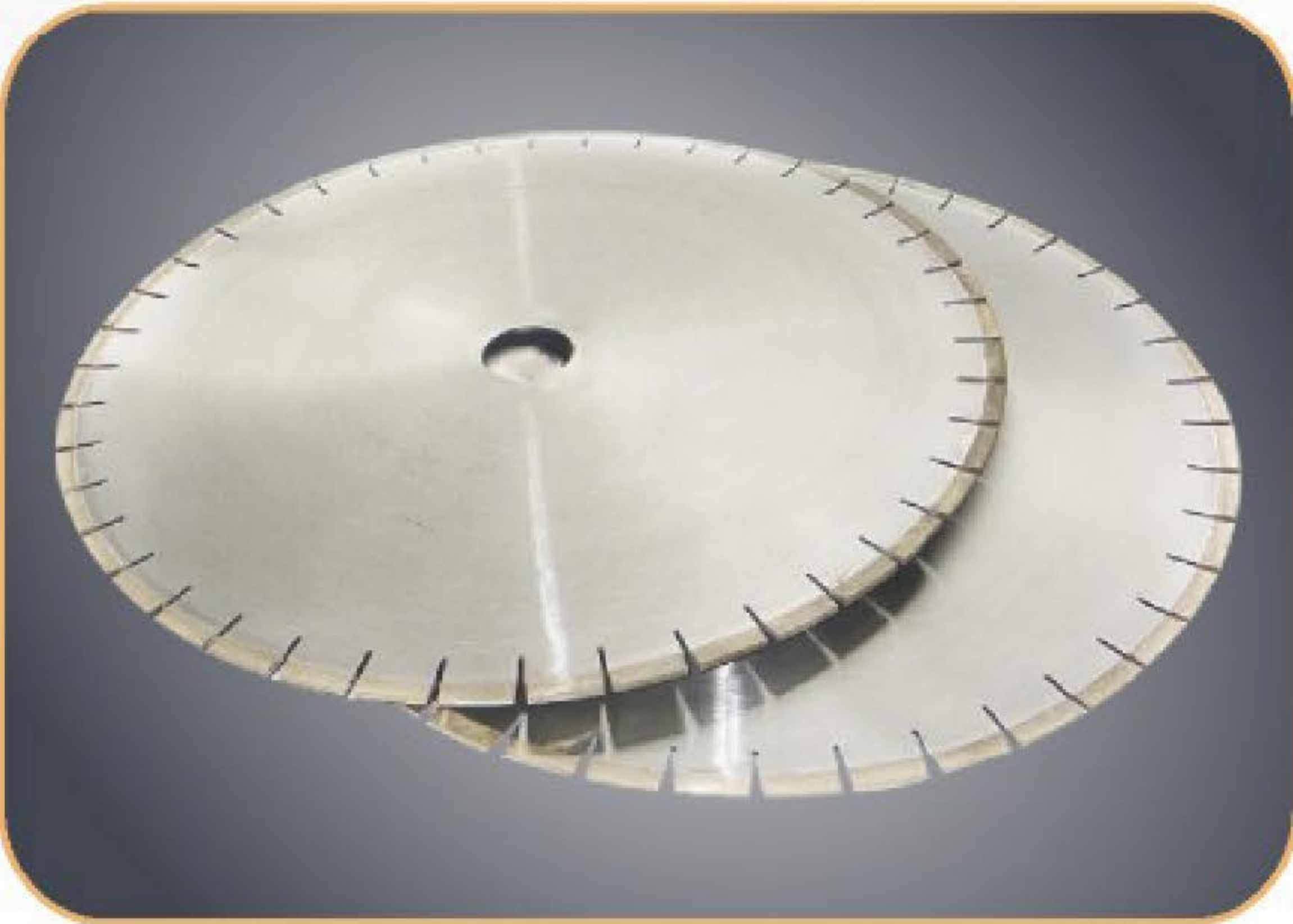


TWS-C420/C500		
Model	TWS-C420	TWS-C500
Operation Weight (kg)	109	112
Blade Size (cm)	45.0-50.0	45.0-50.0
Cutting Depth(max)(cm)	16	18.5
Driving Mode	Manual Push	Manual Push
Water Tank Capacity(L)	35	40
Dimension(cm)	L:96 W:63 H:94	L:102 W:60 H:105
Shipping Weight(kg)	120	124
Power Source (hp)	Honda GX390(13.0) / Loncin G420F(14.0)	

CONCRETE CUTTER



Optional



Blade of floor saw

SIZE	Part NO.	Segmant Dimension	Segment Number
300MM 12"	12AP	40x3.0x10	20
350MM 14"	14AP	40x3.2x10	24
400MM 16"	16AP	40x3.4x10	28
450MM 18"	18AP	40x3.6x10	32
500MM 20"	20AP	40x3.6x10	36

Surface Finishing Screed

Features:

Optional surface finishing
screed blade
(1-6m are available)



TWS-SF

Optional



Blade of Surface finishing screed

1m blade of Surface finishing screed
2m blade of Surface finishing screed
3m blade of Surface finishing screed
4m blade of Surface finishing screed
5m blade of Surface finishing screed
6m blade of Surface finishing screed

TWS-SF	
Model	TWS-SF
Operation Weight (kg)	20
Shipping Weight(kg)	22
Dimension (cm)	L:72 W:50 H:47
Power Source (hp)	Honda GX35 (1.2) / Zongshen S35 (1.0)

TAVAS
POWER TROWEL



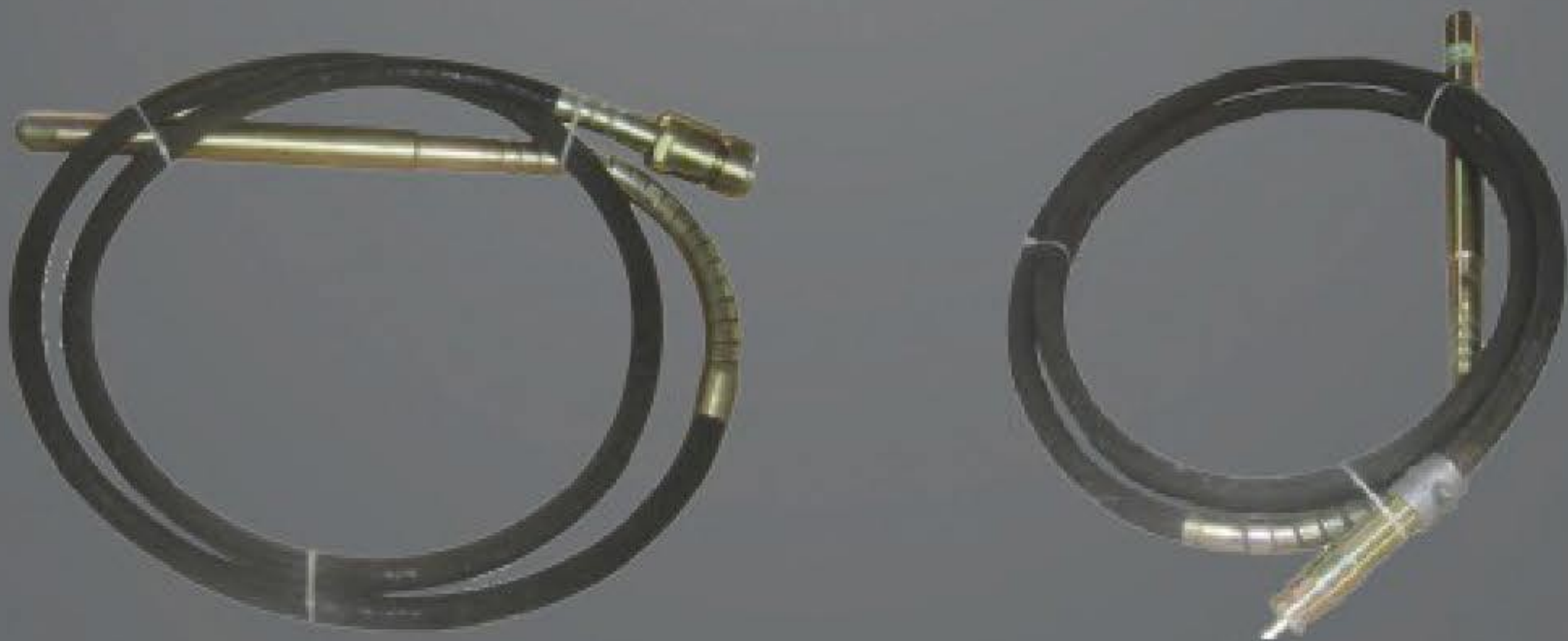
TWS-PT

TWS-PT Series	
Model	TWS-PT
Trowel Diameter(cm)	92
Speed Range(r/min)	60-100
Pitch Range	0-15°
Operation Weight (kg)	85
Shipping Weight(kg)	92
Dimension(cm)	L:100 W:100 H:36
Power Source(hp)	Honda GX160(5.5) / Robin EY20(5.0) / B&S1062(5.0)

TAVAS
CONCRETE VIBRATOR



Model	TWS-VB	
Engine Type	Chinese Petrol Engine	Chinese Diesel 173F
Power kw(hp)	4.1(6.5)	3.6(4.9)
Weight w/o Vibrator Head kg(lbs)	21(46.3)	31(68.3)
Vibrating Poker Length m	Available from 4m to 8m, Standard 6m	
Vibrating Poker Dia mm	28;32;38;45;50;60;70	
Package(without poker)mm	520*440*440	520*460*630



Model	CN-28	CN-32	CN-38	CN-45	CN-50	CN-60	CN-70
Vibrating Frequency VPM	12000 ~ 14000						
Rotary Speed rpm	2800 ~ 3600						
Vibrating Amplitude mm	0.8	0.85	0.9	1.0	1.0	1.1	1.2
Dia of Flexible Hose mm	26	30	30	30	36	36	36
Dia of Flexible Shaft mm	8	10	10	10	13	13	13
Vibrating Poker Dia mm	28	32	38	45	50	60	70
Vibrating Poker Length m	6 (4-10m as optional)						
N.W (Japan Type) kg	10	12.5	13.3	14.4	17.4	20.4	23.9
N.W (Dynapac Type) kg	11.6	14.1	14.9	16	19	22	25.5
Package (Japan Type) mm	750*670*45				800*800*70		
Package (Dynapac Type) mm	750*670*60				800*800*70		