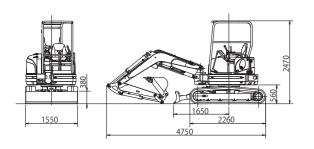
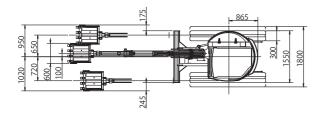
#### ■ Dimensions (unit : mm)





#### ■ 35V4 Specifications

#### **♦** Performance

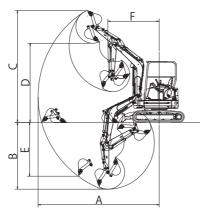
V Terrormance		
0.11m <sup>3</sup>		
600mm		
3525 (3675) kg		
3450 (3600) kg		
9.0min <sup>-1</sup>		
2.7 / 4.7km/h		
58% (30°)		
29kPa (0.30kgf/cm²)		
29.1kN (2970kgf)		

#### $\Diamond$ Engine

Model	YANMAR 3TNV88
Rated output (EU version)	17.5kW (23.8PS) /2200min <sup>-1</sup>
Rated output (Tier 4 version)	16.8kW (22.8PS) /2200min <sup>-1</sup>
Fuel tank capacity	42L

- Please read carefully instruction manuals before operating machines, and use them correctly and safely.
- Please perform periodically check and maintenance for machines to prevent from troubles and accidents.
- Photographs may differ in some cases from actual objects. Specifications are subject to change without notice due to technical improvements or modifications.

#### ■ Working Range (unit : mm)



	Std. Arm	Long arm
Max. digging radius	5260	5540
Max. digging depth	3080	3380
Max. digging height	4930	5020
Max. dumping height	3430	3540
Max. vertical digging depth	2470	2750
Min. front turning radius	2160	2200
At right boom swing	1870	1910
	Max. digging depth Max. digging height Max. dumping height Max. dumping height Max. vertical digging depth Min. front turning radius	Max. digging radius 5260  Max. digging depth 3080  Max. digging height 4930  Max. dumping height 3430  Max. vertical digging depth 2470  Min. front turning radius 2160

#### $\diamondsuit$ Boom swing system

Туре	Boom ofset with hydraulic cylinder
Swing angle (L/R)	80°/50°
♦ Hydraulic system	

V <b>/</b>	
Pressure	24.5MPa (250kgf/cm²) 20.6MPa (210kgf/cm²)
Pump hydraulic flow	37 4 I /min×2+ 23 1I /min

♦ Dozer blade		
Size	1550×380mm	
Lift above ground / Drop below ground	385mm / 430mm	

LIII a	oove gi	ound /	ыор	DEIOW
△ May	auvilia	rv flou	,	

·	
1st line	61L/min
2nd line	23L/min

#### Distributed by:

## Realize your dreams

#### **IHI Construction Machinery Limited**

#### **Sales Division**

3174 Showa-machi, Kanazawa-ku, Yokohama, Kanagawa 236-8611, Japan Tel: +81-45-276-1249 Fax: +81-45-276-2583 http://www.ihi-kenki.co.jp

IHI
Realize your dreams

#### **Zero Tail Swing Mini Excavator**



**IHI Construction Machinery Limited** 



Courtesy of Machine.Market



#### **WORLD-STANDARD SAFETY**

- ROPS/FOPS Compliance Operator Room
- ROPS/FOPS Canopy (Standard) ROPS Cabin (Option) • FOPS Cabin (Option)

#### **ERROR-PREVENTION**

- All-lever lock structure
- Neutral engine-start structure
- Auto-parking brake in swing & traction motors

omfortable EVOLUTION



All operations are blocked



when the lever is raised.



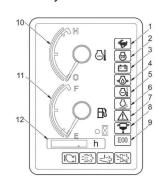
ROPS/FOPS Canopy (Std.)



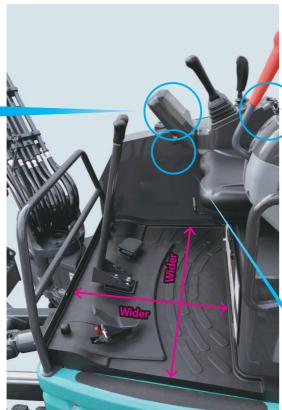
#### **COMFORTABLE OPERATOR ROOM AND EASY MANIPULATION**



Easily visible monitor



- 1 Travel speed indicator
- 2 Glow indicator
- 3 Battery charge warning indicator
- 5 Water temperature warning indicator
- 7 Control lock warning indicator
- 8 Water-separator warning indicator
- 9 ECO mode indicator
- 11 Fuel gauge



\*Comparison with our former model

- 4 Engine oil pressure warning indicator
- 6 Auto idle indicator
- •Legroom enlarged by 20% ● Cabin room enlarged by 25%
- 12 Hour meter

# ROPS Cabin (Opt.) Centralized switches (Right console box) A Engine starter switch B Throttle dial C Auto Idle selector switch Work mode selector switch



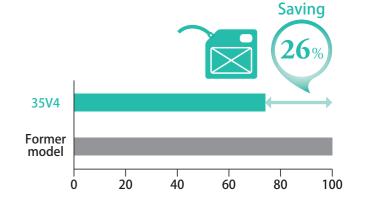
Spare power port

### conomy EVOLUTION

#### **LOW FUEL CONSUMPTION**

• Max. 26% fuel saving

\*Comparison with our former model (in use of auto-idle and eco- mode)

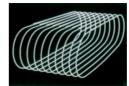


#### **DURABLE AND REPAIRABLE**

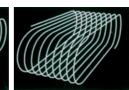
#### •Warranted and durable rubber shoes "Tough Track"

The rubber shoe is warranted for either 2 years or 1500 hours against steel cord cut-off. (Terms and conditions are based on our warranty standards.)

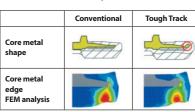




Overlap structure

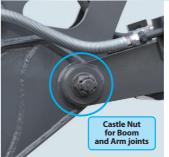


Tough Track spiral structure



Easily adjustable pins and longer life









Single-structured Swing Pin

Boom and Arm joints

Arm-end

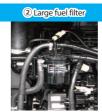
Bucket rattle adjuster

#### **EASY MAINTENANCE**



#### Trouble reduction by 3 measures







\*The warning indicator turns on if water is collected up to the specified level.



#### **SELECTABLE WORKING MODES**

Workable slowly and economically

**Workable speedily** 

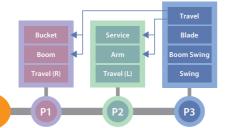


**ECO** Mode (Fuel saving)

Vmax Mode (High speed)

#### HIGH POWER DIGGING AND QUICK RESPONSE

- •Digging force increased by 10% (\*Comparison with our former model)
- Quickly responsive 3-pump system



3-pump system

#### **EASY SKIMMING WORK**

Close distance between Bucket **Tooth and Dozer** Blade



Large and robust Dozer Blade



#### **EASY REFILLING**

# 1300

Refilling position (unit:mm)

#### **UNIQUE EXPANDIBLE TRACKS**







#### **AUTO-SHIFT**

 Automatically shifted travel function



Auto high speed mode



Low speed mode selector switch

#### **EQUIPMENT / OPTIONS**

Description	Standard equipment	Optional equipment		Remarks
		ROPS Cabin (A)		
Operator room	ROPS/FOPS Canopy (4-Post)	FOPS Guard	2-Post Canopy ®(%)	(%) No ROPS compatibility
		Heater or Air-conditioner		
Seat	Suspension Seat	High back suspension seat ©	Fabric suspension seat	
Control lever	with propotional switch D	w/o propotional switch (※)		(※) combination with ⑥
Lever pattern	Type A (ISO standard)	AF changer	ABCD changer (E)	
Control pedal	Boom swing pedal	Traction foot pedals (F)	1st aux. hydraulic control pedal ©	
Crawler	Rubber shoes	Steel shoes	Rubber Pads (H)	
Arm	Standard arm	Long arm (+300mm)		
Buacket	Standard bucket	Digging buckets (%)	Loading buckets (※)	(※) Various sizes
Auxiliary hydraulics	1st auxiliary hydraulic piping	2nd auxiliary hydraulic piping	3rd auxiliary hydraulic piping	

Other options	Remarks
Dust preventive net	For Radiator
Rear-view mirror	For combination with Steel Cabin
Additional counterweight (inside of Frame)	To be assembled in our factory
Overload relief valve	
Motion alarm	

#### (ROPS)









**B 2-Post Canopy** 

© High back seat

© Control lever with proportional switch















**H**Rubber Pads

