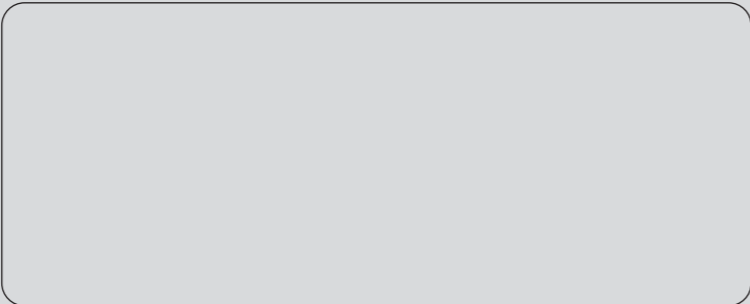


**HDI**

**Wide-body Dump Truck**

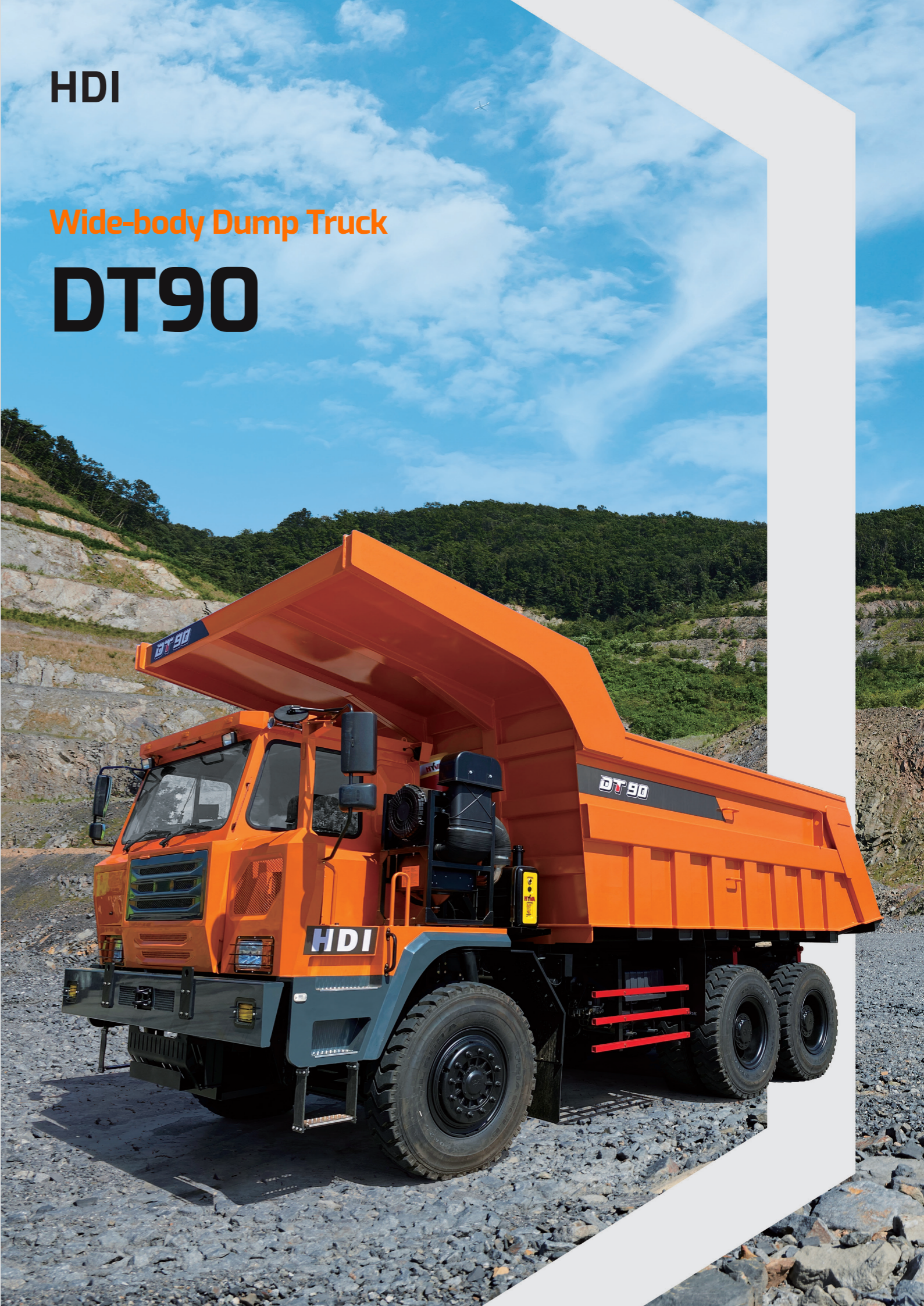
**DT90**

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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Develon equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.



# DT90

General wide-body trucks are basically enlarged versions of ordinary heavy-duty dump trucks, while DT90 is a reduced version of mechanically driven mining truck.

The advantages of DT90 shows as below:

- Front hydro-pneumatic suspension.
- The whole car adopts welded rigid frame.
- Eaton full hydraulic steering.
- Top mining axle in China.
- WeiChai 460 / 430 HP engine with strong power and high reliability.
- Transmission with large torque specially designed for mining area - the Allison 4500 imported from US. (Auto. Transmission)
- Hyva hoisting system for large lifting force & increasing reliability.



## SPECIFICATION

TRANSMISSION		
	Manual	Auto
Wheelbase	3,800mm + 1,560mm	
Min. ground clearance	380mm	
Inner dimension of body	5,850mm*3,200mm*1,750mm	
Body capacity	33 m <sup>3</sup>	
Operating weight	30 ton	
Rated load	60 ton	
Rated total weight	90 ton	

MAIN PARAMETERS		
Engine	Weichai 460HP/T3	Weichai 430HP/T3
Transmission	7-Speed Transmission	Allison4500 WBD-RP
Tire	14.00R25	
Lifting cylinder	HYVA lifting system	
Tank capacity	600 ℓ	
Axle	19t front axle, 35t*2 drive axle	
Steering system	Fully hydraulic steering system	
Body plate	High-strength wear plate, bottom 16 mm, side 12 mm, rear 12 mm	
Frame	480*140 mm Welded rigid frame	

PERFORMANCE	
Braking distance	15m (V=30kph)
Min. turning radius	≤12m
Max. lift angle of bucket	53°
Max. gradeability	33%
Max. speed	42kph

### ACCESSORY CONFIGURATION

Retarder system, Air-conditioner, Engine guard grille, Intercooler protection grille, Heating device of cargo box bottom plate, Rockover remover, Fuel tank guard grille, GPS

### OPTION

Greasing system, Fuel heater, Rear camera, Tail gate, Oil pre-cleaner