



SCHNABEL CAR, model 14-9038

Under the contract with “HANIL” company (the Republic of Korea) SDB “Transporter” (Lugansk, Ukraine), AC “Prestig” of OSC “Stakhanovsky carriage works” (Stakhanov, Ukraine) and OSC “VIT” (Zaporozhye, Ukraine) have made Schnabel car with load-carrying capacity of 170t, model 14-9038:

- technical task worked out by OSC “VIT”;
- designed by SDB “Transporter”;
- manufactured by AC “Prestig”.

The railcar is intended for carriage of transformers being manufactured by “Hyundai” company after the design by OSC “VIT”, by railroads of the Republic of Korea as a part of a special freight train.



Main parameters of the railcar

1. Track gauge, mm	1435
2. Load-carryng capacity, t	170
3. Light weight, t max.	92
4. Design speed, km/h	
in empty state	80
in loaded state	30
5. Clearance limit	clearance limit of railroad of the Republic of Korea
6. Minimum radius of falling within, m	80
7. Railcar length by coupling axes of automatic couplings, mm, max	
in empty state	31500
with cargo 7800 mm long	38500
8. Number of axles, pcs.	16
9. Maximum dimensions of the cargo, mm	
length (by the lugs axes)	7800
width (by the lugs and stops axes)	2490
height (from the lugs axis to the stops axis)	2472
10. Maximum design static load from the wheel pair on rails, tf	18

