



ROBEX 140W-7

Standard Equipment

ISO standard cab

- All-weather steel cab with all-around visibility
- Safety glass windows
- Rise-up type windshield wiper
- Sliding fold-in front window
- Sliding side window
- Lockable door
- Hot & cool box
- Accessory box & Ash-tray

Computer Aided Power Optimization

(New CAPD) system

- 2-power mode, 3-work mode, 2-user mode
- Auto deceleration & one touch deceleration system
- Auto warm up system
- Auto overheat prevention system

Heater(7500 kcal/hr, 30000BTU/hr) & Defroster

Self diagnostic system

Centralized monitoring

- LCD display
 - Engine speed
 - Clock & Error code
- Gauges
 - Fuel level gauge
 - Engine coolant temperature gauge
 - Hyd. oil temperature gauge
- Warning
 - Fuel level
 - Check Engine & CPU
 - Engine oil pressure
 - Engine coolant temperature
 - Hyd. oil temperature
 - Low battery
 - Air cleaner clogging
- Indicator
 - Power max.
 - Preheat & Engine warming-up
 - One touch decel

Door and cab locks, one key

Two outside rearview mirrors

Fully adjustable suspension seat with seat belt

Slidable joystick, pilot-operated

Automatic swing brake

Fuel prefilter, fuel line

Water separator, fuel line

Boom holding system

Arm holding system

Counterweight (1900kg, 4190lb)

Mono boom (4.6m, 15' 1")

Arm (2.1m, 6' 11")

Am/Fm radio and cassette

- Radio remote switch

Console box tilting system (LH.)

Two front working light

Electric horn

Batteries (2 x 12V x 100AH)

Battery master switch

Starting Aid(air grid heater) cold weather

Standard bucket(0.58 m³, 0.76 yd³)

Rear - blade (550 x 2500)

Tires - dual (9.00 - 20 - 14PR)

Travel alarm

Fuel warmer

Optional Equipment

Air-conditioner (5000kcal/hr, 20000BTU/hr)

Sun visor for cabin inside

Fuel filler pump (35 l /min, 9.5 USgpm)

Beacon lamp

Safety lock valve for boom cylinder with

overload warning device

Safety lock valve for arm cylinder

Single acting piping kit (breaker, etc)

Double acting piping kit (cramshell, etc)

Accumulator, work equipment lowering

12 volt power supply (DC-DC converter)

Electric. transducer

Various optional booms

- Short boom (4.1m, 13' 5")
- Hyd, adjustable boom (4.9m, 16' 1")

Various optional Arms

- Short arm (1.90m, 6' 3")
- Semi long arm (2.50m, 8' 2")
- Long arm (3.00m, 9' 10")

Various optional Buckets (SAE heaped)

- Standard bucket (0.58m³, 0.76yd³)
- Narrow bucket (0.23m³, 0.30yd³)
- Narrow bucket (0.40m³, 0.52yd³)
- Narrow bucket (0.46m³, 0.60yd³)
- Narrow bucket (0.52m³, 0.68yd³)
- Light duty bucket (0.65m³, 0.85yd³)
- Light duty bucket (0.71m³, 0.93yd³)
- Slope finishing bucket(0.45m³, 0.59yd³)
- Ditching bucket(0.55m³, 0.72yd³)

Cabin Lamp

Cabin FOPS/FOG(ISO 10262)

Cabin roof-cover transparent

Lower frame under cover

Pre heating system

Tool kit

Operator suit

Special cowling

- Air vent type side door

Hydraulic adjustable boom(4.9 m, 16' 1")

Undercarriage

- Rear outrigger
- Rear dozer and front outrigger
- Rear and front outrigger
- Rear outrigger and front dozer

Manual throttle cable for emergency

Tiers - dual (9.00 - 20 solid)

Seat

- Adjustable air suspension seat
- Mechanical Suspension seat with heater
- Adjustable air suspension seat with heater



*Photo may include optional equipment.

We build a better future



WHEELED EXCAVATOR Applied Tier 2 Engine

140w-7

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards. All imperial measurements rounded off to the nearest pound or inch.

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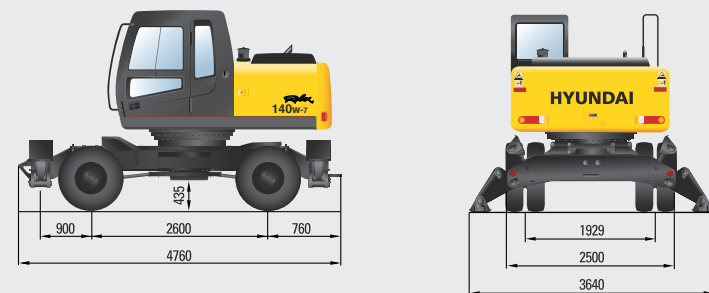
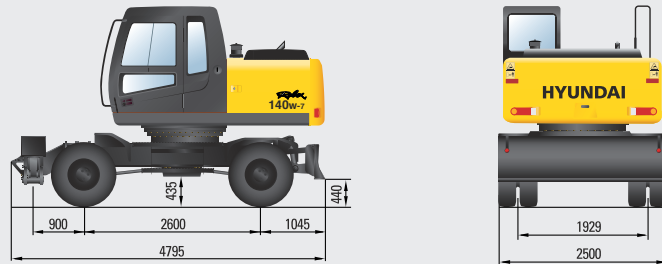
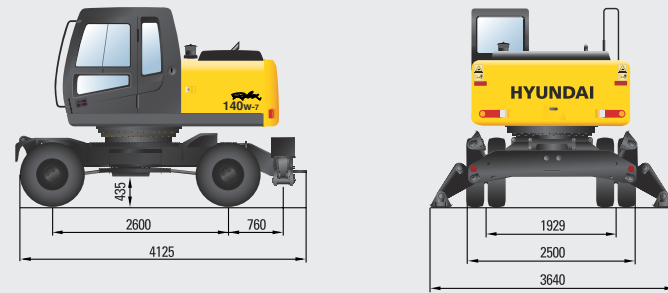
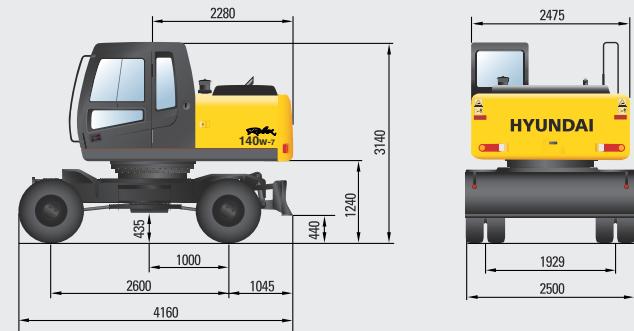
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HYUNDAI
HEAVY INDUSTRIES CO.,LTD.

Undercarriage

Lifting capacities **R140W-7 Mono boom**

R140W-7 with rear dozer



• Boom : 4.6 m (15' 1") • Arm : 3.0 m (9' 10") • Bucket : 0.58 m³ (0.76 yd³) SAE heaped • With rear dozer blade down and 1,900kg Counterweight

Load point height m(ft)	Load radius										At max. reach			
	1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		7.5 m(25.0 ft)		Capacity		Reach	
													m (ft)	
6.0 m 20.0 ft	kg							*2060	*2060			*2340	1480	7.46
	lb							*4540	*4540			*5160	3260	(24.5)
4.5 m 15.0 ft	kg							*2480	2200			*2450	1200	8.14
	lb							*5470	4850			*5400	2650	(26.7)
3.0m 10.0 ft	kg					*3300	*3300	*2910	2090	*1740	1350	*2570	1070	8.46
	lb					*7280	*7280	*6420	4610	*3840	2980	*5670	2360	(27.8)
1.5 m 5.0 ft	kg			*7150	6110	*4470	3160	*3460	1960	*2150	1290	2630	1040	8.46
	lb			*15760	13470	*9850	6970	*7630	4320	*4740	2840	5800	2290	(27.8)
Ground Line	kg	*3710	*3710	*8850	5620	*5390	2930	*3940	1840	*1790	1240	2780	1090	8.15
	lb	*8180	*8180	*19510	12390	*11880	6460	*8690	4060	*3950	2730	6130	2400	(26.7)
-1.5 m -5.0 ft	kg	*5740	*5740	*9180	5490	*5790	2820	*4140	1780			*3020	1280	7.48
	lb	*12650	*12650	*20240	12100	*12760	6220	*9130	3920			*6660	2820	(24.5)
-3.0 m -10.0 ft	kg	*8350	*8350	*8490	5540	*5500	2830					*3110	1750	6.31
	lb	*18410	*18410	*18720	12210	*12130	6240					*6860	3860	(20.7)
-4.5 m -15.0 ft	kg			*6360	5780									
	lb			*14020	12740									

• Boom : 4.9 m (16' 9") • Arm : 2.5 m (8' 2") • Bucket : 0.58 m³ (0.76 yd³) SAE heaped • With rear dozer blade down and 1,900kg Counterweight

Load point height m(ft)	Load radius										At max. reach			
	1.5 m(5.0 ft)		3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		Capacity		Reach			
											m (ft)			
6.0 m 20.0 ft	kg									*2440	2200	*2360	1480	7.38
	lb									*5380	4850	*5200	3260	(24.2)
4.5 m 15.0 ft	kg					*2680	*2680	*2570	2150			*2450	1190	8.07
	lb					*5910	*5910	*5670	4740			*5400	2620	(26.5)
3.0m 10.0 ft	kg	*5450	*5450	*3640	3310	*2990	2030	*1970	1310			*2560	1060	8.39
	lb	*12020	*12020	*8020	7300	*6590	4480	*4340	2890			*5640	2340	(27.5)
1.5 m 5.0 ft	kg	*5940	5630	*4700	3000	*3500	1890	*2490	1260			2680	1030	8.39
	lb	*13100	12410	*10360	6610	*7720	4170	*5490	2780			5910	2270	(27.5)
Ground Line	kg	*6260	5360	*5430	2810	*3910	1780					2830	1090	8.08
	lb	*13800	11820	*11970	6190	*8620	3920					6240	2400	(26.5)
-1.5 m -5.0 ft	kg	*8860	5360	*5670	2740	*4050	1750					2980	1290	7.40
	lb	*19530	11820	*12500	6040	*8930	3860					6570	2840	(24.3)
-3.0 m -10.0 ft	kg	*8020	5490	*5300	2790									
	lb	*17680	12100	*11680	6150									

NOTES
 1. Lifting capacity is based on SAE J1097, ISO 10567.
 2. Lifting capacity of the Robex Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
 3. The load point is a hook (standard equipment) located on the back of the bucket.
 4. (*) indicates load limited by hydraulic capacity.

Lifting capacities R140W-7 Adjustable boom

Rating over-front Rating over-side or 360 degree

• Boom : 4.9 m (16' 9") • Arm : 1.9 m (6' 3") • Bucket : 0.58 m³ (0.76 yd³) SAE heaped • With rear dozer blade down and 1,900kg Counterweight

Load point height m(ft)	Load radius						At max. reach			
	3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		Capacity		Reach	
									m (ft)	
6.0 m 20.0 ft	kg			*2740	*2740			*2640	1780	6.69
	lb			*6040	*6040			*5820	3920	(21.9)
4.5 m 15.0 ft	kg	*3970	*3970	*3230	*3230	*2970	2090	*2730	1400	7.45
	lb	*8750	*8750	*7120	*7120	*6550	4610	*6020	3090	(24.4)
3.0m 10.0 ft	kg			*4160	3220	*3330	1990	*2850	1230	7.80
	lb			*9170	7100	*7340	4390	*6280	2710	(25.6)
1.5 m 5.0 ft	kg			*5110	2950	*3760	1880	*3000	1200	7.81
	lb			*11270	6500	*8290	4140	*6610	2650	(25.6)
Ground Line	kg	*6110	5390	*5650	2810	*4070	1800	*3160	1290	7.46
	lb	*13470	11880	*12460	6190	*8970	3970	*6970	2840	(24.5)
-1.5 m -5.0 ft	kg	*8550	5460	*5650	2800	*4010	1800	*3270	1570	6.71
	lb	*18850	12040	*12460	6170	*8840	3970	*7210	3460	(22.0)
-3.0 m -10.0 ft	kg			*4910	2910					
	lb			*10820	6420					

• Boom : 4.9 m (16' 9") • Arm : 2.1 m (6' 11") • Bucket : 0.58 m³ (0.76 yd³) SAE heaped • With rear dozer blade down and 1,900kg Counterweight

Load point height m(ft)	Load radius						At max. reach			
	3.0 m(10.0 ft)		4.5 m(15.0 ft)		6.0 m(20.0 ft)		Capacity		Reach	
									m (ft)	
6.0 m 20.0 ft	kg			*2560	*2560			*2530	1690	6.91
	lb			*5640	*5640			*5580	3730	(22.7)
4.5 m 15.0 ft	kg			*3050	*3050	*2840	2110	*2630	1340	7.64
	lb			*6720	*6720	*6260	4650	*5800	2950	(25.1)
3.0m 10.0 ft	kg	*6320	6210	*3990	3250	*3220	2000	*2750	1180	7.98
	lb	*13930	13690	*8800	7170	*7100	4410	*6060	2600	(26.2)
1.5 m 5.0 ft	kg			*4970	2960	*3680	1880	*2900	1140	7.98
	lb			*10960	6530	*8110	4140	*6390	2510	(26.2)
Ground Line	kg	*6250	5360	*5580	2800	*4020	1790	*3060	1220	7.65
	lb	*13780	11820	*12300	6170	*8860	3950	*6750	2690	(25.1)
-1.5 m -5.0 ft	kg	*8670	5410	*5660	2770	*4040	1780	*3200	1470	6.92
	lb	*19110	11930	*12480	6110	*8910	3920	*7050	3240	(22.7)
-3.0 m -10.0 ft	kg			*5060	2860					
	lb			*11160	6310					

NOTES
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 3. The load point is a hook (standard equipment) located on the back of the bucket.
 4. (*) indicates load limited by hydraulic capacity.



CERES SYSTEM

CERES(Construction Equipment Resource Support) is HHI's new information system on all Hyundai Construction equipment's products for all overseas customer, dealer and branch office.

<http://ceres.hhi.co.kr>