



ROBEX 170W-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 CAPO) 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(7,500 kcal/hr, 30,000BTU/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
- Removable reservoir tank
- Fuel pre-filter, fuel line
- Boom holding system
- Arm holding system
- Counterweight (2,750kg, 6,060lb)
- mono boom (5.1m, 16' 9")
- Arm (2.2m, 7' 3")
- Am/Fm radio and cassette
- Radio remote switch
- Console box tilting system (LH.)
- Three front working light
- Electric horn
- Batteries (2 x 12V x 100AH)
- Battery master switch
- Starting Aid(air grid heater) cold weather
- Standard bucket(0.76 m³, 0.99 yd³)
- Rear - blade (550 x 2500)
- Tires - dual (10.00 - 20 - 14PR)
- Travel alarm
- Fuel warmer

Optional Equipment

Air-conditioner (5,000kcal/hr, 20,000BTU/hr)

- Sun visor for cabin inside
- Fuel filler pump (35 /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 (clamshell, etc)
- Accumulator, work equipment lowering
- 12 volt power supply (DC-DC converter)
- Electric. transducer
- Mechanical suspension seat with heater
- Adjustable air suspension seat

Various optional Boom

- hyd adjustable boom (5.1m, 16' 9")

Various optional Arms

- Semi long arm (2.6m, 8' 6")
- Long arm (3.1m, 10' 2")

Various optional Buckets (SAE heaped)

- Standard bucket (0.76m³, 0.99yd³)
- Narrow bucket (0.39m³, 0.51yd³)
- Narrow bucket (0.50m³, 0.65yd³)
- Narrow bucket (0.64m³, 0.84yd³)
- Light duty bucket (0.89m³, 1.16yd³)
- Light duty bucket (1.05m³, 1.37yd³)
- Heavy duty bucket (0.69m³, 0.90yd³)

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(5.1 m, 16' 9")

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

Tiers - dual (10.00 - 20 solid)

- Emergency Engine Control Cable
- Seat
- Adjustable air suspension seat
- Adjustable air suspension seat with heater
- Mechanical suspension seat with heater



*Photo may include optional equipment.

We build a better future



WHEELED EXCAVATOR Applied Tier 2 Engine

170W-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.

HYUNDAI
HEAVY INDUSTRIES CO.,LTD.
CONSTRUCTION EQUIPMENT

Head Office (Sales Office)
1 JEONHA-DONG, DONG-GU, ULSAN, KOREA TEL: (82) 52-202-7970, 7729, 0971 FAX: (82) 52-202-7979, 7720

U.S. Operation: Hyundai Construction Equipment U.S.A., Inc.
955 ESTES AVENUE, ELK GROVE VILLAGE, IL, 60007, U.S.A. TEL: (1) 847-437-3333 FAX: (1) 847-437-3574

European Operation: Hyundai Heavy Industries Europe N.V.
VOSSENDAAL 11, 2440 GEEL, BELGIUM TEL: (32) 14-56-2200 FAX: (32) 14-59-3405

India Operation: Hyundai Construction Equipment India Pvt., Ltd.
PLOT NO.A-2, CHAKAN INDUSTRIAL AREA, VILL.-KHALUMBRE, TALUK.-KHED, DIST.-PUNE 410 501, INDIA
TEL: (91) 21-3530-1700 FAX: (91) 21-3530-1712

PLEASE CONTACT

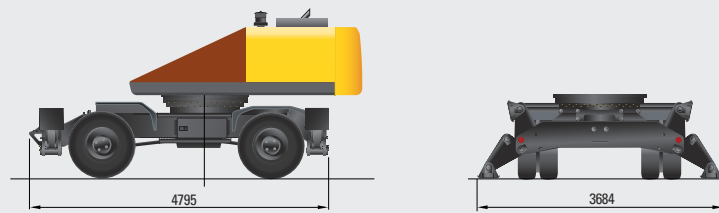
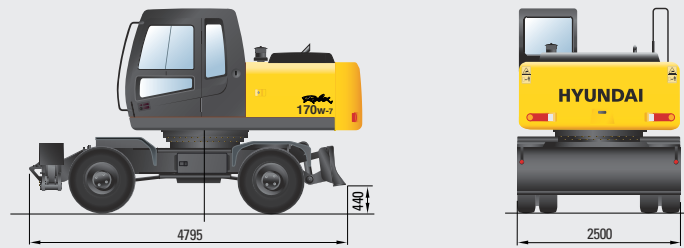
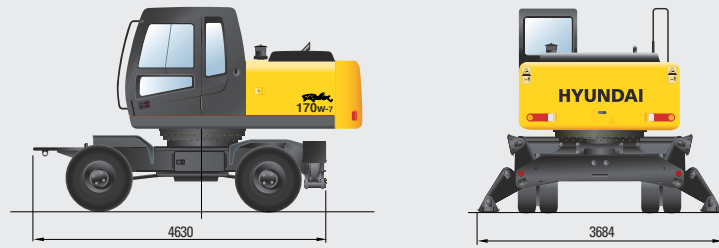
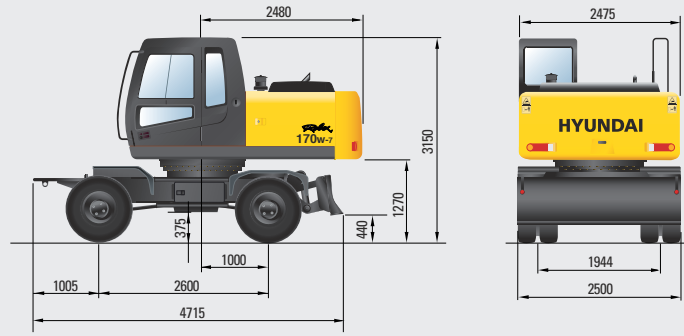
www.hyundai-ce.com

2009. 09 Rev.8

HYUNDAI
HEAVY INDUSTRIES CO.,LTD.

Undercarriage

With rear dozer
and front rest



Lifting capacities R170W-7 Mono boom

Rating over-front Rating over-side or 360 degree

· Boom : 5.10m(16' 9") , · Arm : 2.20m(7' 3") · Bucket : 0.76m³(0.99yd³) SAE heaped · Rear dozer blade up with 2750kg(6060lb) CWT

| 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) |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *3380 *7450 | 2510 5530 | 6.09 (20.0) |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3150 *6940 | 2460 5420 | 3320 7320 | 1740 3840 | 7.32 (24.0) |
| 4.5 m 15.0 ft | kg lb | | | | | *4420 *9740 | 3950 8710 | *3880 *8550 | 2400 5290 | 2780 6130 | 1400 3090 | 8.01 (26.3) |
| 3.0 m 10.0 ft | kg lb | | *9080 *20020 | 6590 14530 | *5600 *12350 | 3600 7940 | *4370 *9630 | 2260 4980 | 2550 5620 | 1250 2760 | 8.33 (27.3) | |
| 1.5 m 5.0 ft | kg lb | | | | *6690 *14750 | 3270 7210 | 4220 9300 | 2110 4650 | 2510 5530 | 1210 2670 | 8.32 (27.3) | |
| Ground Line | kg lb | | *7220 *15920 | 5720 12610 | 6510 14350 | 3090 6810 | 4100 9040 | 2010 4430 | 2660 5860 | 1290 2840 | 7.99 (26.2) | |
| -1.5 m -5.0 ft | kg lb | *7210 *15900 | *7210 *15900 | *10350 *22820 | 5780 12740 | 6460 14240 | 3050 6720 | 4060 8950 | 1980 4370 | 3100 6830 | 1530 3370 | 7.28 (23.9) |
| -3.0 m -10.0 ft | kg lb | *11320 *24960 | *11320 *24960 | *8600 *18960 | 5940 13100 | *5960 *13140 | 3130 6900 | | *3290 *7250 | 2160 4760 | 6.02 (19.8) | |

· Boom : 5.10m(16' 9") , · Arm : 2.60m(8' 6") · Bucket : 0.76m³(0.99yd³) SAE heaped · Rear dozer blade up with 2750kg(6060lb) CWT

| 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) |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *3070 *6770 | 2200 4850 | 6.58 (21.6) | | |
| 6.0 m 20.0 ft | kg lb | | | | | | *2980 *6570 | 2500 5510 | | 3030 6680 | 1560 3440 | 7.71 (25.3) | | |
| 4.5 m 15.0 ft | kg lb | | | | | | *3570 *7870 | 2420 5340 | | 2570 5670 | 1270 2800 | 8.36 (27.4) | | |
| 3.0 m 10.0 ft | kg lb | | *7970 *17570 | 6860 15120 | *5150 *11350 | 3640 8020 | *4090 *9020 | 2260 4980 | *2730 *6020 | 1480 3260 | 8.67 2490 | 8.34 (28.4) | | |
| 1.5 m 5.0 ft | kg lb | | *7190 *15850 | 5940 13100 | *6360 *14020 | 3280 7230 | 4210 9280 | 2090 4610 | 2910 6420 | 1410 3110 | 1090 2400 | 8.66 (28.4) | | |
| Ground Line | kg lb | | *7730 *17040 | 5670 12500 | 6480 14290 | 3060 6750 | 4060 8950 | 1970 4340 | 2850 6280 | 1350 2980 | 1150 2540 | 8.34 (27.4) | | |
| -1.5 m -5.0 ft | kg lb | *6760 *14900 | *6760 *14900 | *10570 *23300 | 5660 12480 | 6380 14070 | 2980 6570 | 4000 8820 | 1910 4210 | 2800 6170 | 1340 2950 | 7.67 (25.2) | | |
| -3.0 m -10.0 ft | kg lb | *9900 *21830 | *9900 *21830 | *9260 *20410 | 5790 12760 | *6290 *13870 | 3030 6680 | 4050 8930 | 1960 4320 | *3320 *7320 | 1830 4030 | 6.51 (21.4) | | |
| -4.5 m -15.0 ft | kg lb | | | *6310 *13910 | 6090 13430 | | | | | | | | | |

· Boom : 5.10m(16' 9") , · Arm : 3.10m(11' 1") · Bucket : 0.76m³(0.99yd³) SAE heaped · Rear dozer blade up with 2750kg(6060lb) CWT

| 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) |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | *2730 *6020 | 1880 4140 | 7.15 (23.5) | | |
| 6.0 m 20.0 ft | kg lb | | | | | | *2750 *6060 | 2540 5600 | | 2720 6000 | 1380 3040 | 8.19 (26.9) | | |
| 4.5 m 15.0 ft | kg lb | | | | | | *3180 *7010 | 2450 5400 | *2120 *4670 | 1550 3420 | 1120 2470 | 8.80 (28.9) | | |
| 3.0 m 10.0 ft | kg lb | | *6670 *14700 | *6670 *14700 | *4600 *10140 | 3720 8200 | *3750 *8270 | 2280 5030 | *2970 *6550 | 1480 3260 | 1000 2200 | 9.09 (29.8) | | |
| 1.5 m 5.0 ft | kg lb | | *9920 *21870 | 6120 13490 | *5920 *13050 | 3320 7320 | 4210 9280 | 2090 4610 | 2890 6370 | 1390 3060 | 960 2120 | 9.08 (29.8) | | |
| Ground Line | kg lb | *4120 *9080 | *4120 *9080 | *8310 *18320 | 5650 12460 | 6480 14290 | 3050 6720 | 4040 8910 | 1940 4280 | 1310 2890 | 1000 2200 | 8.78 (28.8) | | |
| -1.5 m -5.0 ft | kg lb | *6330 *13960 | *6330 *13960 | *10140 *22350 | 5560 12260 | 6330 13960 | 2920 6440 | 3950 8710 | 1860 4100 | 2490 5490 | 1150 2540 | 8.15 (26.7) | | |
| -3.0 m -10.0 ft | kg lb | *8880 *19580 | *8880 *19580 | *9900 *21830 | 5630 12410 | 6330 13960 | 2930 6460 | 3950 8710 | 1860 4100 | 3160 6970 | 1520 3350 | 7.09 (23.3) | | |
| -4.5 m -15.0 ft | kg lb | *12300 *27120 | *12300 *27120 | *7530 *16600 | 5870 12940 | *5010 *11050 | 3070 6770 | | | | | | | |

NOTES
1. Lifting capacity is based on SAE J1097 and 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 located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

Lifting capacities R170W-7 Hydraulic adjustable boom

Rating over-front Rating over-side or 360 degree

· Boom : 5.10m(16' 9") , · Arm : 2.20m(7' 3") · Bucket : 0.76m³(0.99yd³) SAE heaped · Rear dozer blade down with 2750kg(6060lb) CWT

| 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 lb | | | | | | | | | | | | *3390 *7470 | 1990 4390 | 7.39 (24.2) | |
| 4.5 m 15.0 ft | kg lb | | | | | | | | | | | | *3920 *8640 | 2810 6190 | 8.08 (26.5) | |
| 3.0 m 10.0 ft | kg lb | | | | | | | | | *5630 *12410 | 4240 9350 | *4370 *9630 | 2660 5860 | 3370 7430 | 8.39 (27.5) | |
| 1.5 m 5.0 ft | kg lb | | | | | | | | | *6640 *14640 | 3870 8530 | *4830 *10650 | 2490 5490 | *3240 *7140 | 1700 3750 | 8.38 (27.5) |
| Ground Line | kg lb | | | | | | | | | *6390 *14090 | 5630 14090 | *7070 *15590 | 3670 8090 | *5070 *11180 | 2380 5250 | 8.05 (26.4) |
| -1.5 m -5.0 ft | kg lb | *6490 *14310 | *6490 *14310 | *10000 *22050 | 7040 15520 | *6810 *15010 | 3640 8020 | *4870 *10740 | 2350 5180 | | | | *3310 *7300 | 1800 3970 | 7.35 (24.1) | |
| -3.0 m -10.0 ft | kg lb | | | *8110 *17880 | 5900 15980 | *5680 *12520 | 3090 6810 | | | | | | | *2800 *6170 | 2520 5560 | 6.11 (20.0) |

· Boom : 5.10m(16' 9") , · Arm : 2.60m(8' 6") · Bucket : 0.76m³(0.99yd³) SAE heaped · Rear dozer blade down with 2750kg(6060lb) CWT

| 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 lb | | | | | | | | | | | | *3120 *6880 | 1790 3950 | 7.81 (25.6) | |
| 4.5 m 15.0 ft | kg lb | | | | | | | | | | | | *3120 *6880 | 1470 3240 | 8.45 (27.7) | |
| 3.0 m 10.0 ft | kg lb | | | | | | | | | | | | *4110 *9060 | 2660 5860 | 8.75 (28.7) | |
| 1.5 m 5.0 ft | kg lb | | | | | | | | | *6240 *13760 | *6240 *13760 | *6330 *13960 | 3890 8580 | *4630 *10210 | 1680 3700 | 8.74 (28.7) |
| Ground Line | kg lb | | | | | | | | | *6970 *15370 | 6900 15210 | *6940 *15300 | 3640 8020 | *4970 *10960 | 2340 5160 | 8.43 (27.7) |
| -1.5 m -5.0 ft | kg lb | *6170 *13600 | *6170 *13600 | *9940 *21910 | 6910 15230 | *6880 *15170 | 3570 7870 | *4920 *10850 | 2290 5050 | | | | *3190 *7030 | 1590 3510 | 7.77 (25.5) | |
| -3.0 m -10.0 ft | kg lb | *9510 *20970 | *9510 *20970 | *8830 *19470 | 7080 15610 | *6040 *13320 | 3630 8000 | *4120 *9080 | 2350 5180 | | | | *2890 *6370 | 2140 4720 | 6.63 (21.8) | |
| -4.5 m -15.0 ft | kg lb | | | *5650 *12460 | 6090 13430 | *3580 *7890 | *3580 *7890 | | | | | | | | | |

· Boom : 5.10m(16' 9") , · Arm : 2.20m(7' 3") · Bucket : 0.76m³(0.99yd³) SAE heaped · Rear dozer blade up with 2750kg(6060lb) CWT

| 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 lb | | | | | | | | | | | | 3270 7210 | 1670 3680 | 7.39 (24.2) | |
| 4.5 m 15.0 ft | kg lb | | | | | | | | | | | | *3920 *8640 | 2390 5270 | 8.08 (26.5) | |
| 3.0 m 10.0 ft | kg lb | | | | | | | | | *5630 *12410 | 3570 7870 | *4370 *9630 | 2230 4920 | 2510 5530 | 8.39 (27.5) | |
| 1.5 m 5.0 ft | kg lb | | | | | | | | | *6640 *14640 | 3220 7100 | 4230 9330 | 2070 4560 | 2940 6480 | 1400 3090 | 8.38 (27.5) |
| Ground Line | kg lb | | | | | | | | | *6390 *14090 | 5630 12410 | 6520 14370 | 3030 6680 | 4110 9060 | 1970 4340 | 8.05 (26.4) |
| -1.5 m -5.0 ft | kg lb | *6490 *14310 | *6490 *14310 | *10000 *22050 | 7040 15520 | *6810 *15010 | 3640 8020 | *4870 *10740 | 2350 5180 | | | | *3080 *6790 | 1490 3280 | 7.35 (24.1) | |
| -3.0 m -10.0 ft | kg lb | | | *8110 *17880 | 5900 15980 | *5680 *12520 | 3090 6810 | | | | | | | *2800 *6170 | 2110 4650 | 6.11 (20.0) |

NOTES
1. Lifting capacity is based on SAE J1097 and 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 located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.