



LIFTING CAPACITY

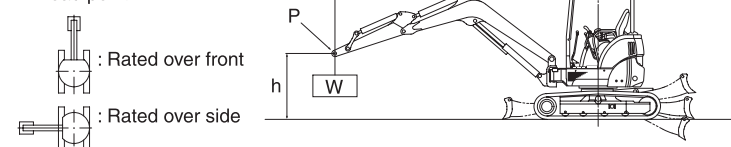
Excavator equipped with ROPS/FOPS canopy and rubber crawlers

r: Reach from swing center line : ft-in(mm)

h: Lift point height : ft-in(mm)

w: Lifting capacity : lbs(kg)

P: Load point



1.The rated lifting capacities that are indicated below are based on ISO 10567 and do not exceed 87% of the excavator's hydraulic lifting capacity or 75% of its static tilt load (tipping load) capacity.

2.The following operating criteria are also applicable to the calculation of these maximum loads:

a) The "load point" is the location of the front bolt on the arm.

b) The three indicated machine positions are :

(i) arm over the front end (blade down),

(ii) arm over the front end (blade up), and

(iii) arm over the side (blade up).

c) The operating cylinder is the boom cylinder.

3.The weight of the excavator's bucket, hook, sling and other lifting accessories have been taken into consideration when calculating these maximum loads.

ViO20-3 (with Quick Coupler)

LIFT POINT HEIGHT	r:REACH ft-in (mm)				r:REACH ft-in (mm)				r:REACH ft-in (mm)			
h:ft-in (mm)	RATED LIFT CAPACITY OVER FRONT BLADE DOWN lbs (kg)				RATED LIFT CAPACITY OVER FRONT BLADE UP lbs (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP lbs (kg)			
	MAX	8'3" (2500)	6'7" (2000)	MIN	MAX	8'3" (2500)	6'7" (2000)	MIN	MAX	8'3" (2500)	6'7" (2000)	MIN
6'7"(2000)	*1080(490)	*1180(535)			684(310)	948(430)			639(290)	970(440)		
4'11"(1500)	*1080(490)	*1334(605)	*1731(785)		650(295)	1069(485)	1444(655)		573(260)	937(425)	1345(610)	
3'3"(1000)	*1136(515)	*1599(725)	*2216(1005)		606(275)	1014(460)	1433(650)		518(235)	904(410)	1235(560)	
1'8"(500)	*1180(535)	*1753(795)	*2503(1135)		606(275)	1014(460)	1411(640)		518(235)	849(385)	1202(545)	
Ground(0)	*1180(535)	*1808(820)	*2448(1110)	2503(1135)	617(280)	970(440)	1345(610)	1742(790)	540(245)	849(385)	1180(535)	1466(655)
-1'8"(-500)	*1180(535)	*1698(770)	*2194(995)		684(310)	970(440)	1345(610)		606(275)	849(385)	1180(535)	
-3'3"(-1000)	*1180(535)	*1433(650)	*1951(885)		849(385)	981(445)	1433(650)		772(350)	871(395)	1180(535)	

Note : The maximum loads marked with an asterisk (*) were limited by the Excavator's hydraulic lifting capacity rather than by its static tilt load (tipping load) capacity.

STANDARD EQUIPMENT

- Blade
- Boom swing function
- Rubber or Steel tracks
- Hydraulic quick coupler
- Auxiliary valve and piping (arm end)
- 2way control pattern change

- Cylinder cover (boom, arm, bucket, blade)
- ROPS/FOPS Canopy
- Joystick pilot controls
- Arm rests
- Sliding seat
- Seat belt

- Traveling levers and pedals
- Traveling alarm
- Built-in type boom light
- Exterior canopy work light
- Operation manual

(Please note that the standard equipment may vary from this list. Consult your Yanmar dealer for confirmation.)

YANMAR AMERICA CORP.

CONSTRUCTION EQUIPMENT DEPT.
101 International Parkway, Adairsville, GA 30103, U.S.A.
TEL:770-877-7570 FAX:770-877-7572
<http://www.yanmar.com>

Note : All information presented in this Brochure is subject to change without notice.

Printed in Japan

000060E2773 0612 0406



YANMAR ViO-3 Series
True Zero Tail Swing Excavator



ViO20-3
Output: 19.2 hp (14.3 kW)
Operating weight 4910 lbs (2230 kg)

YANMAR - YOUR BEST PARTNER FOR BUILDING THE FUTURE