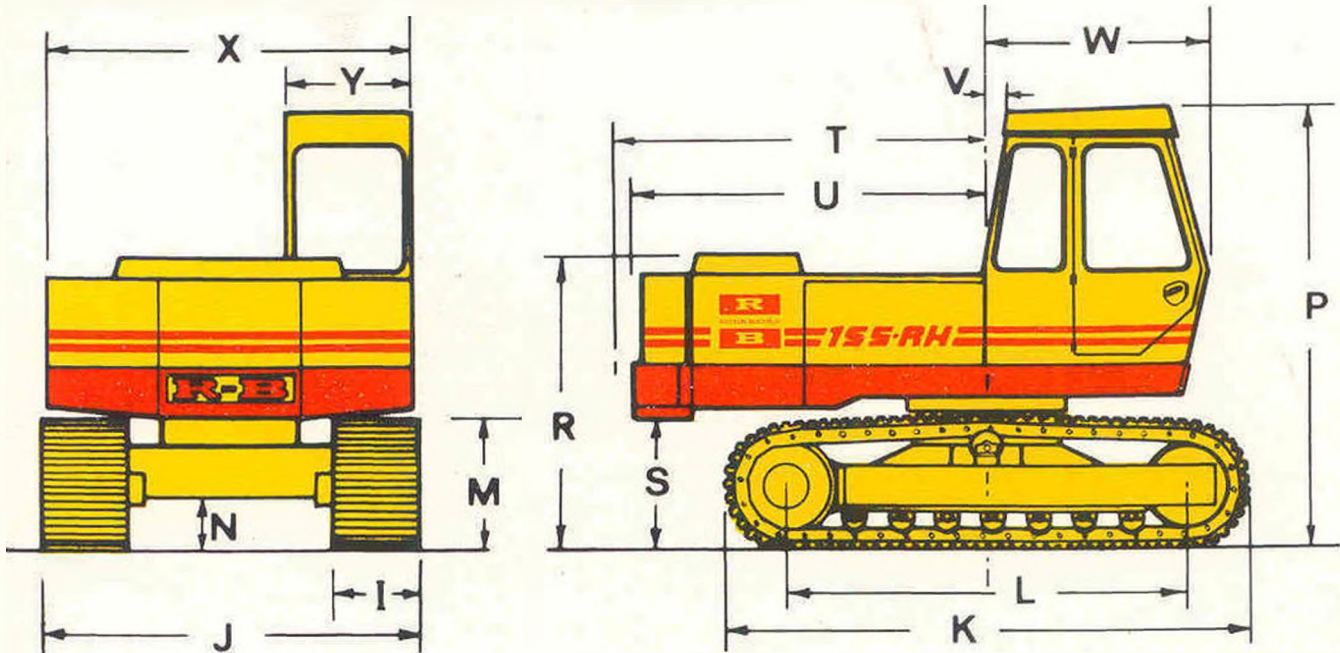




# 155-RH Hydraulic excavator

## GENERAL SPECIFICATION WITH MONOBLOC BOOM HOE

### Dimensions and weights



N	Ground clearance under axles	356 mm	1' 2"
P	Cab height (maximum)	2,85 m	9' 3 3/4"
R	Height to rear of cab	2,01 m	6' 7 1/2"
S	Clearance under rear end	864 mm	2' 10"
T	Swing clearance	2,45 m	8' 0 1/2"
U	Centre-line of rotation to rear end	2,38 m	7' 9 3/4"
V	Centre-line of rotation to operator's compartment roof	216 mm	8 1/2"
W	Centre-line of rotation to front of cab	1,56 m	5' 1 1/2"
X	Cab width	2,44 m	8' 0"
Y	Operator's compartment width	914 mm	3' 0"

### Crawler mountings

Link width I	Overall width J	Overall length K	C. to C. of tumbler L	Crawler height M	Approximate bearing pressure
<b>Standard crawlers</b>					
508 mm 20"	2,49 m 8' 2"	3,50 m 11' 5 1/2"	2,70 m 8' 10 1/4"	825 mm 2' 8 1/2"	0,52 to 0,53 kg/cm <sup>2</sup> 7·43 to 7·57 lb/in <sup>2</sup>
610 mm 24"	2,59 m 8' 6"	3,50 m 11' 5 1/2"	2,70 m 8' 10 1/4"	825 mm 2' 8 1/2"	0,44 to 0,45 kg/cm <sup>2</sup> 6·30 to 6·41 lb/in <sup>2</sup>
762 mm 30"	2,74 m 9' 0"	3,50 m 11' 5 1/2"	2,70 m 8' 10 1/4"	825 mm 2' 8 1/2"	0,36 to 0,37 kg/cm <sup>2</sup> 5·16 to 5·27 lb/in <sup>2</sup>
<b>Long crawlers</b>					
762 mm 30"	2,74 m 9' 0"	4,27 m 14' 0"	3,44 m 11' 3 1/2"	860 mm 2' 10"	0,30 to 0,31 kg/cm <sup>2</sup> 4·31 to 4·38 lb/in <sup>2</sup>

### Approximate working weights (dependent upon equipment fitted)

15 400 kg 33 955 lb 15·16 tons to 17 180 kg 37 870 lb 16·90 tons





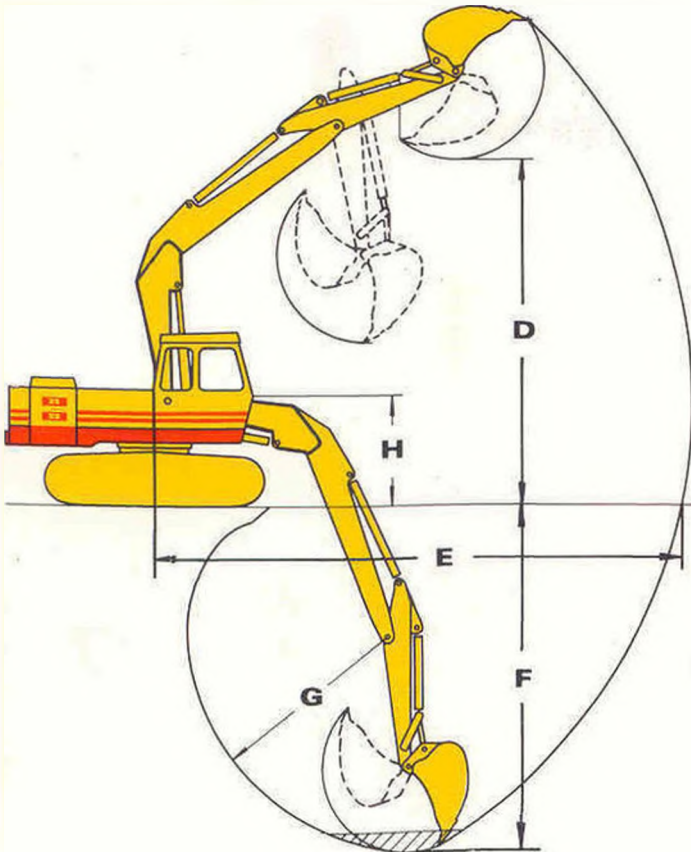
# 155-RH

## Hydraulic excavator

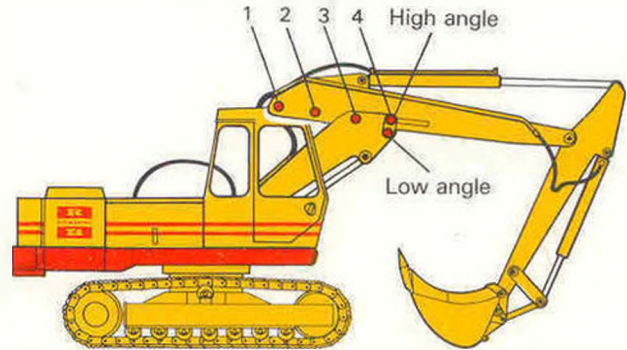
### SPECIAL ATTACHMENTS

WITH TWO-PIECE BOOM HOE, MAGNET AND ROCK HAMMER

## Hoe working ranges: two-piece boom



Dipper capacities up to 1400 litres 1 3/4 cubic yards:  
see page 2 for application data.



### Multi-position variable-geometry boom

The two-piece multi-position boom gives variable geometry for a wide range of operation. The upper boom has four pin-connecting holes which are located in the lower boom in six positions, as required, giving varying boom lengths and boom-angles.

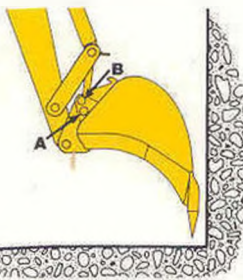
The two boom-angle positions are for maximum working height or maximum digging depth.

### Note:

The depths indicated are theoretical and are for comparison purposes only. The nature of the material being excavated will determine the actual depths obtainable.

H Height of boom-foot pin above ground level 1,66 m 5' 5"

Upper boom arrangement and position	Maximum range (Pin positions 1 & 2)						Middle range (Pin positions 2 & 3)						Minimum range (Pin positions 3 & 4)					
	Low angle			High angle			Low angle			High angle			Low angle			High angle		
Handle	Short	Medium	Long	Short	Medium	Long	Short	Medium	Long	Short	Medium	Long	Short	Medium	Long	Short	Medium	Long
D Dumping height	5,23 m 17' 2"	5,33 m 17' 6"	5,59 m 18' 4"	6,40 m 21' 0"	6,60 m 21' 8"	5,59 m 23' 4"	4,90 m 16' 1"	5,00 m 16' 5"	5,26 m 17' 3"	5,97 m 19' 7"	6,17 m 20' 3"	6,68 m 21' 11"	4,34 m 14' 3"	4,42 m 14' 6"	4,60 m 15' 1"	5,36 m 17' 7"	5,54 m 18' 2"	5,99 m 19' 8"
E Digging radius (maximum)	7,80 m 25' 7"	8,13 m 26' 8"	8,97 m 29' 5"	8,23 m 27' 0"	8,56 m 28' 1"	9,40 m 30' 10"	8,79 m 28' 10"	7,65 m 25' 1"	8,43 m 27' 8"	7,70 m 25' 3"	8,05 m 26' 5"	8,89 m 29' 2"	6,66 m 21' 10"	6,99 m 22' 11"	7,80 m 25' 7"	7,09 m 23' 3"	7,44 m 24' 5"	8,28 m 27' 2"
F Digging depth (over front, side or corner of mounting)	5,00 m 16' 5"	5,39 m 17' 8"	6,30 m 20' 8"	4,46 m 14' 7"	4,83 m 15' 10"	5,74 m 18' 10"	4,52 m 14' 10"	4,90 m 16' 1"	5,82 m 19' 1"	4,04 m 13' 3"	4,42 m 14' 6"	5,33 m 17' 6"	4,14 m 13' 7"	4,52 m 14' 10"	5,44 m 17' 10"	3,76 m 12' 4"	4,14 m 13' 7"	5,05 m 16' 7"
G Sweep radius	3,05 m 10' 0"	3,43 m 11' 3"	4,34 m 14' 3"															



### Square-hole digging

With boom fully extended and dipper link in hole 'A' (202° wrist angle)

	Handle	Low angle	High angle
Short	1,68 m 5' 6"	1,70 m 5' 7"	2,26 m 7' 5"
Medium	2,06 m 6' 9"	4,12 m 13' 6"	4,14 m 13' 7"
Long	2,97 m 9' 9"	5,03 m 16' 6"	5,05 m 16' 7"

**R**

RUSTON-BUCYRUS

**B**



# 155-RH

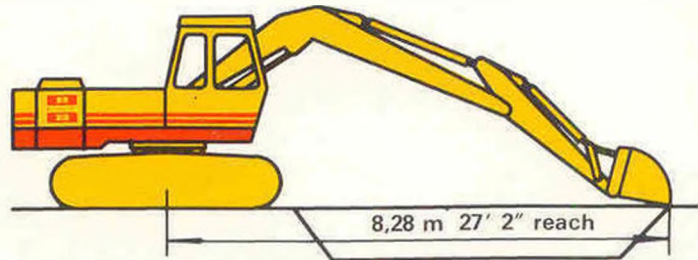
## Hydraulic excavator

### DRAINAGE ATTACHMENTS WITH MONOBLOC AND TWO-PIECE BOOMS

### Choice of handle lengths (Monobloc boom)

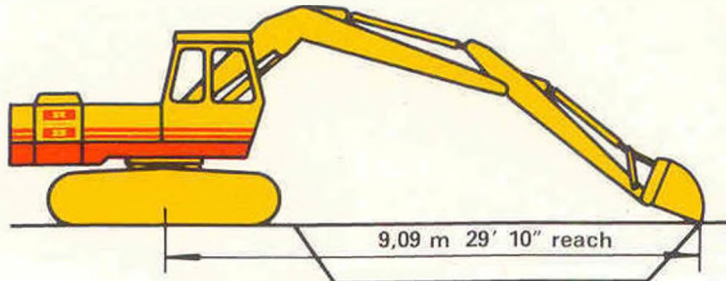
#### MEDIUM 2,06 m 6' 9"

Reach	8,28 m	27' 2"
Digging depth	5,51 m	18' 1"
Clearance under dipper	5,44 m	17' 10"



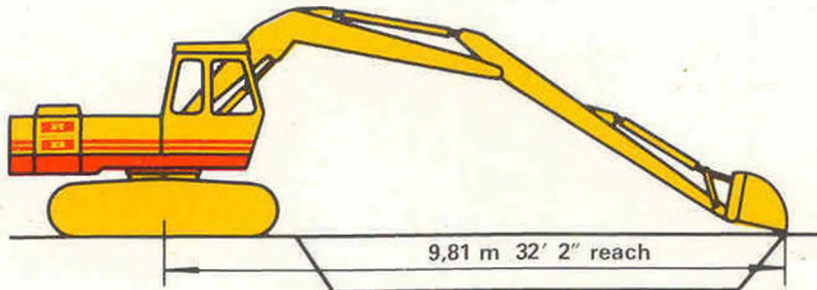
#### LONG 2,97 m 9' 9"

Reach	9,09 m	29' 10"
Digging depth	6,43 m	21' 1"
Clearance under dipper	5,69 m	18' 8"



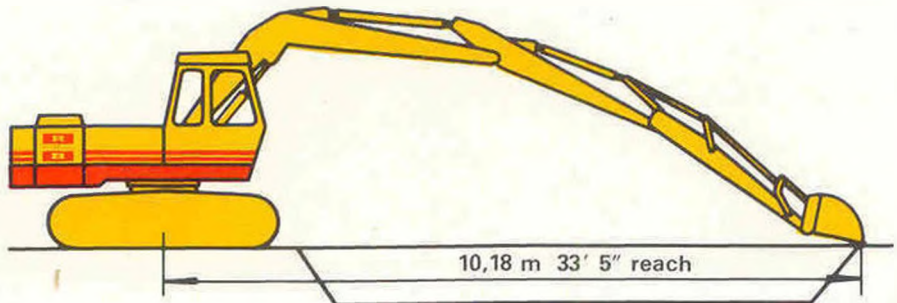
#### SUPERLONG 4,49 m 14' 9"

Reach	9,81 m	32' 2"
Digging depth	7,26 m	23' 10"
Clearance under dipper	6,76 m	22' 2"



#### LONG + DITCHING EXTENSION 2,97 m + 2,59 m 9' 9" + 8' 6"

Reach	10,18 m	33' 5"
Digging depth	8,08 m	26' 6"
Clearance under dipper	5,92 m	19' 5"

**R**

RUSTON-BUCYRUS

**B**