



H1052 COMBO

H1052 TRENCHER

DIMENSIONS

	U.S.	METRIC
Trench depth, maximum	70 in	1.78 m
Trench width	6-12 in	150-300 mm
Boom travel up: 44°		
Boom travel down: 60°		
Headshaft height, digging chain	31 in	790 mm
Transport length*	111 in	2.92 m
Transport height*	96 in	2.44 m
Angle of departure: 26°		
Center of trench to outside edge, left	13 in	330 mm
Center of trench to outside edge, right	76 in	1.93 m
Spoil discharge reach, minimum	19 in	480 mm
Headshaft overhang	48 in	1.22 m



OPERATION

	U.S.	METRIC
Headshaft speed, maximum		
Ratio (low): 239 rpm		
Ratio (standard): 293 rpm		
Ratio (high)**: 394 rpm		
Digging chain speed, maximum		
Ratio (low)	621 fpm	189 m/min
Ratio (standard)	761 fpm	232 m/min
Ratio (high)**	1024 fpm	312 m/min

H1052 PLOW

DIMENSIONS

	U.S.	METRIC
Angle of departure, transport, no blade: 47.5°		
Angle of departure, transport, 24-inch blade: 30°		
Angle of departure, transport, 30-inch blade: 24°		
Angle of depression, plow maximum: 25°		
Transport height	93 in	2.36 m
Attachment length, fully lowered, no blades	97 in	2.46 m
Attachment length, fully raised, no blades	78 in	1.98 m
Blade ground clearance, 30-inch blade	24 in	610 mm
Cover depth***	42 in	1.07 m
Penetration***	46 in	1.17 m
Plow swing angle, left: 0°		
Plow swing angle, right: 43°		
Inclusive blade steer angle: 89°		
Center of plow to outside edge of machine, left	41 in	1.04 m
Center of plow to outside edge of machine, right	48 in	1.22 m

OPERATION

	U.S.	METRIC
Plow vibrator force @ 1800 rpm	35,215 lb	156 644 kN
Material diameter, maximum		
Pulled	3 in	76 mm
Fed	2 in	51 mm

GENERAL

	U.S.	METRIC
Attachment weight without boom, chain, or plow blade	3455 lb	1567 kg
Counterweight required (see Dealer)		

*Dimensions with 48" boom.

**Not recommended on RT115.

***Suggested maximum; plow blade used will be determined by job requirements and soil conditions.