

General[®]

671 DIG•R•TACH[®]

General's 671 DIG-R-TACH... derives power from the auxiliary hydraulic system of the carrier vehicle.

Increase the versatility and productivity of your equipment with a DIG-R-TACH earth auger attachment. Engineered to perform with skid steer loaders, small excavators, knuckleboom cranes and small backhoes, the smaller Series 16 features a two speed chain/sprocket drive system that allows it to balance smaller flow volumes to auger diameters. Results are cleaner holes with less loose soil and debris.

For higher capacity drilling, the Series 24 is designed for the larger hydraulic systems of backhoes and small excavators. Installation is simple with a dippersticker mounting bracket.

Low speed hydraulic motors and chain reduction drives deliver smooth, efficient torque transfer to the auger drive shaft while a standard 2" hexagon auger drive eliminates connection wear problems.

A complete line of earth augers up to 36" diameter is available with Pengo, type boring heads. For additional drilling depth, full flighted auger extensions can be added.

General's 671 DIG-R-TACH... from the worldwide leader in portable hole digging equipment.



**Blanchard
Machinery**



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S P E C I F I C A T I O N S

671 DIG•R•TACH®

MODEL

HYDRAULIC SYSTEM REQUIREMENTS

SERIES 16

5-20 GPM (19-76 lit/min) flow rate range
 15 GPM (57 lit/min) continuous duty flow rate
 1500-2500 PSI (105-175 kg/cm²) auxiliary
 hydraulic system relief valve setting range

SERIES 24

15-25 GPM (57-95 lit/min) flow rate range
 20 GPM (76 lit/min) continuous duty flow rate
 1500-2500 PSI (105-175 kg/cm²) auxiliary
 hydraulic system relief valve setting range

Auxiliary hydraulic system flow rate determines auger rotational speed. Auxiliary hydraulic system pressure relief valve setting determines actual digging torque produced. Minimal flow rates and relief valve settings may not produce satisfactory digging performance for specific auger diameters and soil types.

Minimum oil viscosity is 50 SSU with a minimum of .125 percent zinc antiwear additives. Hydraulic system must have sufficient heat rejection capacity to limit maximum oil temperature to 200°F (93°C) at maximum ambient temperature.

TRANSMISSION DRIVE SYSTEM

Auxiliary hydraulic system of carrier vehicle serves as power source. Low speed, high torque hydraulic motor transfers torque to auger driveshaft through roller chain reduction. Forward and reverse auger direction controlled by auxiliary hydraulic valve foot pedal or hand control. Series 16 incorporates dual sprocket clusters that provide high/low auger speed selection.

DRIVESHAFT CONNECTION TO AUGER MAXIMUM DRILLING TORQUE

2" (51 mm) industry standard hexagon

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High Speed: 665 ft. lbs. (900N.m)
 at 2500 PSI (175 kg/cm²)

2018 ft. lbs. (2724 N.m)
 at 2500 PSI (175 kg/cm²)

Low Speed: 1330 ft. lbs. (1800N.m)
 at 2500 PSI (175 kg/cm²)

Input Flow		Auger RPM	
GPM	Lit/Min	Low	High
5	(19)	-	58
6	(23)	-	70
8	(30)	-	93
10	(38)	57	116
12	(45)	68	139
15	(57)	85	174
18	(68)	102	-
20	(76)	113	-

Input Flow		Auger RPM
GPM	Lit/Min	
15	(57)	49
18	(68)	58
20	(76)	65
22	(83)	71
25	(95)	81

AUGER DESIGN

Augers feature Pengo, type, cast steel boring heads and forged teeth for maximum digging performance and versatility. Thick, cross-sectioned helicoid or sectional flighting delivers strength and wear resistance. Flighting pitch is set to produce cleaner, more useable holes in sandy or granular type soils. Boring head wear parts are field replaceable.

AUGER/AUGER EXTENSION LENGTHS AND DIAMETERS

Available in industry standard lengths and diameters. Mounted DIG-R-TACH, auger/extensions and excavated soil can result in substantial weight. Refer to carrier vehicle lift height and operational center of gravity envelope information to determine maximum allowable auger length and weight combinations.

GENERAL PLUMB LINE MECHANISM

Both Series 16 and 24 use double-jointed, universal swivel with full length sleeved, attaching pins.

BASIC WEIGHT

285 lbs. (130 kg)

285 lbs. (130 kg)

FRAME

Unitized, welded steel plate

Unitized, welded steel plate

All specifications are general in nature and are not intended for specific application purposes. General Equipment Company reserves the right to make changes in design, engineering or specifications and to add improvements or discontinue manufacturing at any time without notice or obligation. Consult applicable operator's manual before utilizing. The 671 DIG-R-TACH is not designed to drive earth-anchoring devices. Augers and auger extensions are not designed to be utilized as anchoring devices. Refer to OSHA 2207 and/or current revisions for specific information. Refer to information supplied by the manufacturer of the carrier vehicle for lift height and operational center of gravity envelope data when mounting/operating the 671 DIG-R-TACH. Pengo is a registered trademark of Pengo Corporation.



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