



DRIVES

**Selection,
Innovation,
Performance**

Your One-Stop Shop
for Hydraulic Tools
and Attachments

STANLEY
Infrastructure

INDUSTRIAL TOOLS & ATTACHMENTS

 **PALADIN** **STANLEY** **LABOUNTY**  **PENGGO**



PENGO REVOLUTION SERIES DRIVES

Below are key features and common parts of the Pengo Revolution Series drives.

Pengo Revolution Series Drives are not recommended for DTH drilling. Warranty issues related with DTH drilling will not be covered.

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

- ▶ Large highly efficient gearboxes, designed specifically for long duty cycles.
- ▶ Standard cross-over pressure relief systems to protect the motor from pressure spikes.
- ▶ Two piece bail housing design allows top section to be removed for easy motor access.
- ▶ Single and Two speed models do not require drain lines.
- ▶ All models are designed to be outfitted with Pengo's TruLink® torque monitoring system.
- ▶ All two speed models are equipped with a pressure activated auto shift feature.
- ▶ **PROVIDE ACCURATE TORQUE AND SPEED SPECIFICATIONS** Pengo ensures that all torque and speed specifications have maximum efficiencies applied to provide the most accurate specifications possible.

COMPLETE SYSTEM

Pengo offers a complete Drive package which includes:

- ▶ Mounting Brackets for:
 - Skid Loaders
 - Backhoe Loaders
 - Excavators (Compact & Large)
- ▶ Anchor drive tool adapters.
- ▶ TruLink® digital torque monitoring system.










APPLICATIONS

- ▶ **DRILLING** The DS, DT and DV series are ideal for various types of drilling applications. Torque ranges from 2,500 ft/lb to 40,000 ft/lb.
- ▶ **ANCHORING** The RS, RT and RV models are designed specifically for the anchor installation industry. The high torque and slow speed configuration is ideal for anchor applications.



DRILLING DRIVES D SERIES

Here is a brief overview of our Revolution Series Drives Designed for Drilling Applications












CARRIER (S)	PN	MODEL	SHAFT	SPEED	MAX FLOW (GPM)	MAX PRES-SURE (PSI)	TORQUE LOW (FT/LBS)	TORQUE HIGH (FT/LBS)	SPEED	EXC. SIZE
	623010	CS-1	H-200	Single	15	3000	0	2129	68	2T - 3T
	623011	CS-2	H-200	Single	25	3000	0	2710	89	2T - 3T
	623012	CS-3	H-200	Single	30	3000	0	3226	89	2T - 3T
	623018	CS-4	H-200	Single	35	3000	0	3732	79	2T - 3T
	610173	DT-5	H-250	Two	40	3000	2465	4930	50 / 100	3T - 6T
	610174	DT-15	H-300	Two	50	3000	7738	15478	20 / 40	12T - 20T
	610442	DV-20	H-300	Variable	60	4000	13337	22507	24 / 40	12T - 20T
	610384	DV-30	S-400	Var	60	4000	13048	31661	18 / 41	15T - 25T
	610385	DV-40	130mm	Var	60	4000	15683	38056	14 / 34	15T - 25T

REVOLUTION DRIVES are not recommended for Down The Hole hammering (DTH) and WILL NOT be covered under warranty for damage due to down the hole drilling.

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

ANCHOR DRIVES R SERIES

Here is a brief overview of our Revolution Series Drives Designed for Anchoring Applications

CARRIER (S)	PN	MODEL	SHAFT	SPEED	MAX FLOW (GPM)	MAX PRESSURE (PSI)	TORQUE LOW (FT/LBS)	TORQUE HIGH (FT/LBS)	SPEED	EXC. SIZE
	610659	RS-6X	H-200	Single	25	2500	0	6750	19	3T - 6T
	610658	RS-6	H-200	Single	25	2500	0	6750	19	NA
	610206	RS-7X	H-200	Single	25	2500	0	7512	18	3T - 6T
	610207	RS-7	H-200	Single	25	2500	0	7512	18	NA
	610057	RS-12	H-250	Single	40	3000	0	13014	18	6T - 12T
	623133	RS-16	H-250	Single	40	3000	0	16041	18	8T - 20T
	610058	RT-9	H-250	Two	50	3000	4925	9850	31 / 63	4T - 8T
	610059	RT-12	H-250	Two	50	3000	5753	12330	25 / 54	6T - 12T
	610060	RT-20	H-300	Two	50	3000	11331	22662	13 / 25	12T - 20T
	610061	RT-30	S-400	Two	50	3000	15234	30470	9 / 19	15T - 25T
	610480	RT-40	130MM	Two	50	3000	19757	39514	7 / 15	15T - 25T

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

MS-100 DRILLING DRIVE



SINGLE SPEED DRIVE UNIT | See part nos. listed below

use Pengo Landscape Aggressor® Augers

SINGLE SWIVEL

PN 700152 (H-200) | PN 700257 (R-256)

DOUBLE SWIVEL

PN 700312 (H-200) | PN 700302 (R-256)

Highly Efficient Gearbox
designed →
for long duty cycles



2 9/16"
Round
Output
Shaft
2" Hex
Available

Double-Swivel
Bracket

Single Swivel can be
converted to double swivel
with bracket.

Standard-Single
Swivel Bracket

HYDRAULIC MOTOR INFORMATION

Displacement	16.1 cu/in (100cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	7/8" Spline 14T
Motor Mount	SAE - A 2 Bolt
Motor Ports	1/2" BSP
Cross Over Pressure Relief	Not Equipped

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Single Stage
Reduction Ratio	5.77:1
Output Shaft	2" Hex or 2 9/16" Round
Internal Oil Capacity	.13 Gallons
Oil Type	SAE 80W90 GL-5

CONNECTION

HEX **2"**
ROUND **2 9/16"**

4'

MAX HOLE DIA. **4'**

WEIGHT

LBS | 146

TRULINK TORQUE PIN

Not applicable with this model.



This single speed Revolution Drive for mini skid steer is your solution to backyard dirt digging. It's compact size accommodates the Landscape Aggressor auger perfectly. Universal Compact Skid Mount and Hydraulic Hoses included. Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

MS-100 DRILLING DRIVE

REFERENCE SPEED CHART

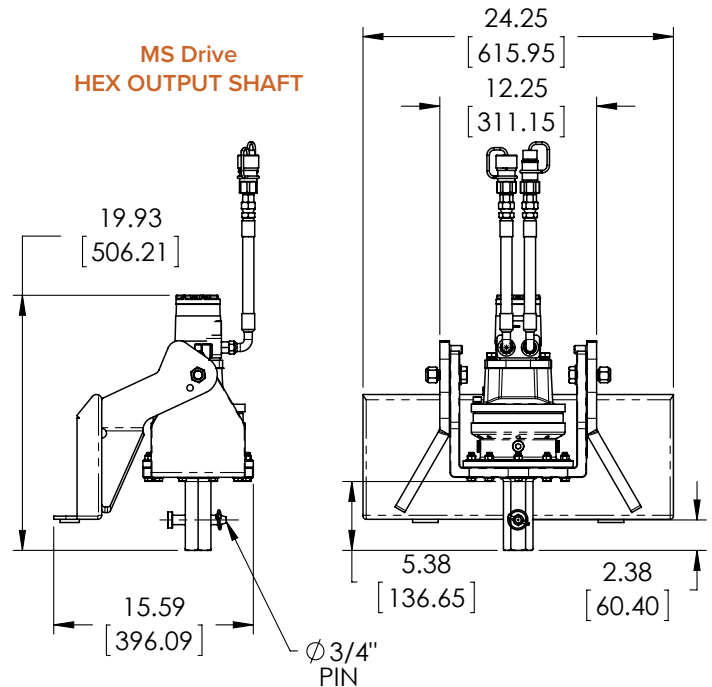
Flow GPM (Liter)	Speed (rpm)	
10 (38)	54	
15 (56)	80	
20 (75)	108	
25 (94)	134	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1200	560	459
1400	654	536
1600	747	613
1800	840	689
2000	934	766
2200	1027	842
2400	1121	919
2600	1308	995
2800	2550	1073
3000	2733	1149

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by **ACTUAL** torque listings.

MS Drive
HEX OUTPUT SHAFT



7/8" Pin
LBS | 4
PN | 151605

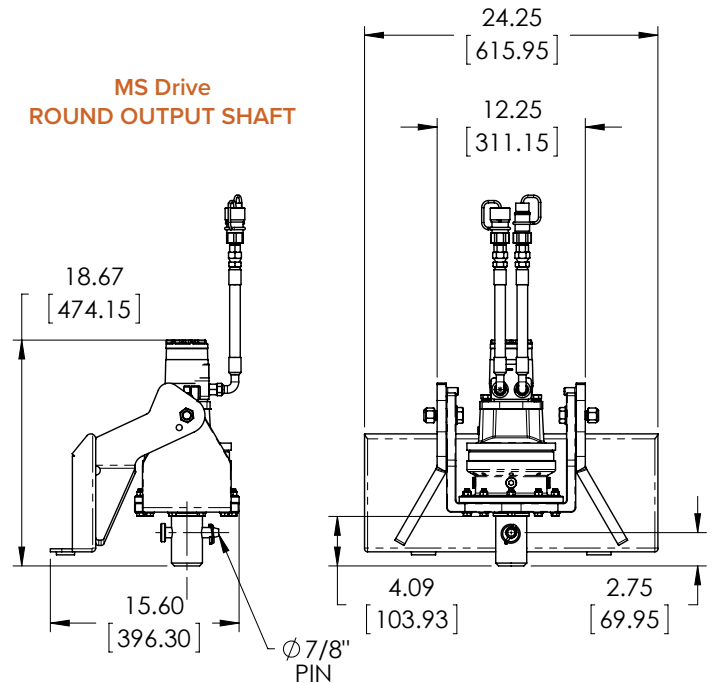


Double Swivel Bracket
LBS | 14.6
PN | 158136
Drive not included.



MS Drive
attached to
Double Swivel
Bracket

MS Drive
ROUND OUTPUT SHAFT



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

MS-125 DRILLING DRIVE



SINGLE SPEED DRIVE UNIT | See part nos. listed below

use Pengo Landscape Aggressor® Augers

SINGLE SWIVEL

PN 700153 (H-200) | PN 700256 (R-256)

DOUBLE SWIVEL

PN 700313 (H-200) | PN 700303 (R-256)



CONNECTION

HEX **2"**
ROUND **2 9/16"**

4'

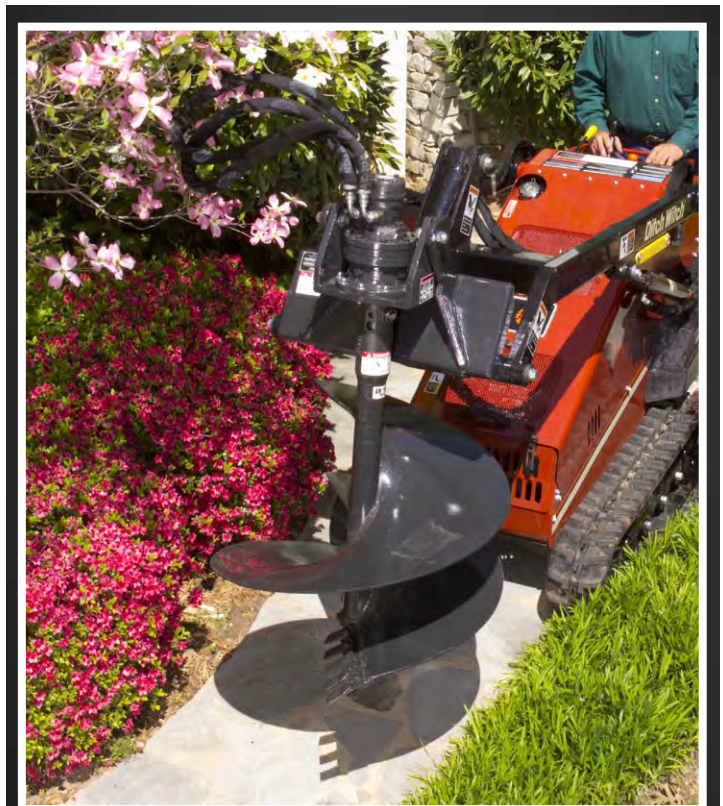
MAX HOLE DIA. **4'**

WEIGHT

LBS | 146

TRULINK TORQUE PIN

Not applicable with this model.



This single speed Revolution Drive for mini skid steer is your solution to backyard dirt digging. It's compact size accommodates the Landscape Aggressor auger perfectly. Universal Compact Skid Mount and Hydraulic Hoses included. Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

HYDRAULIC MOTOR INFORMATION

Displacement	16.1 cu/in (100cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	7/8" Spline 14T
Motor Mount	SAE - A 2 Bolt
Motor Ports	1/2" BSP
Cross Over Pressure Relief	Not Equipped

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Single Stage
Reduction Ratio	5.77:1
Output Shaft	2" Hex or 2 9/16" Round
Internal Oil Capacity	.13 Gallons
Oil Type	SAE 80W90 GL-5

MS-125 DRILLING DRIVE

REFERENCE SPEED CHART

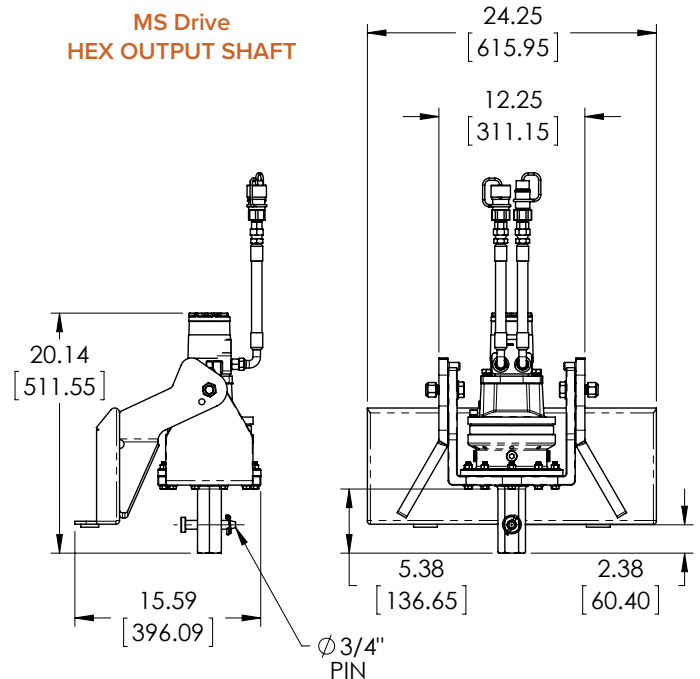
Flow GPM (Liter)	Speed (rpm)	
10 (38)	45	
15 (56)	67	
20 (75)	90	
25 (94)	112	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1200	672	551
1400	784	643
1600	897	736
1800	1009	827
2000	1121	919
2200	1233	1011
2400	1345	1103
2600	1457	1195
2800	1569	1287
3000	1681	1378

Note that both theoretical and actual torque values are listed, but that PENG0 recommends to go by ACTUAL torque listings.

MS Drive
HEX OUTPUT SHAFT



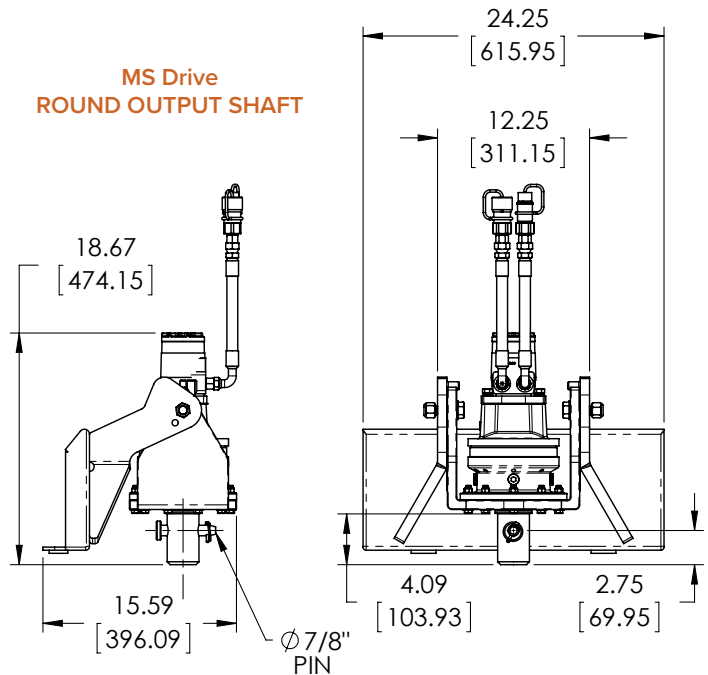
7/8" Pin
LBS | 4
PN | 151605



Double Swivel Bracket
LBS | 14.6
PN | 158136
Drive not included.



MS Drive
ROUND OUTPUT SHAFT



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

CS-1 DRILLING DRIVE



SINGLE SPEED DRIVE UNIT | PN 623010

use Pengo Aggressor® TriMax® Severe Rock Ripper® Augers



EXCAVATOR SIZE

2T - 3T

CONNECTIONS

HEX **2"**

MAX HOLE DEPTH

8'

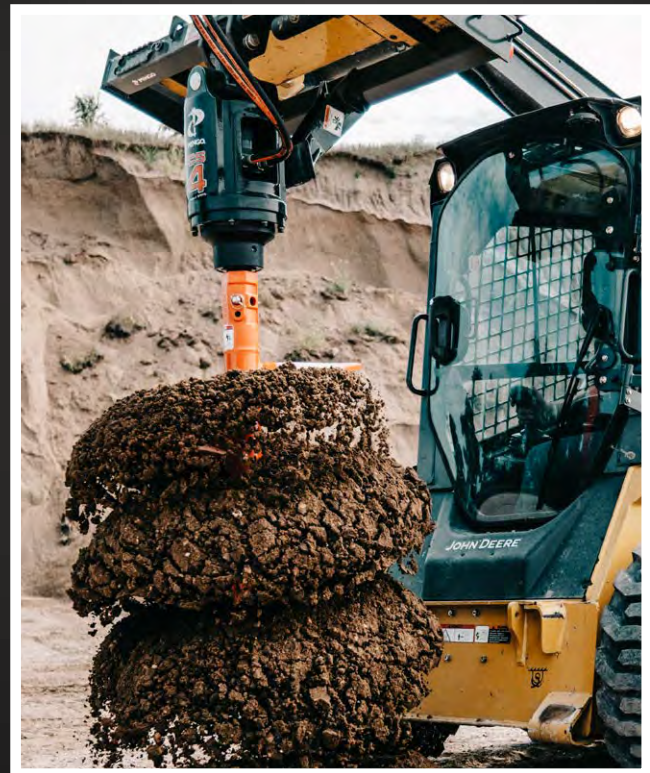
MAX HOLE DIA.

24"

WEIGHT

LBS | 130

No Case Drain Required



HYDRAULIC MOTOR INFORMATION

Displacement	12.1 cu/in (198cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - A 2 Bolt
Motor Ports	7/8-14 UNF-2B O-Ring
Cross Over Pressure Relief	NA

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Single Stage
Reduction Ratio	3.69:1
Output Shaft	2" Hex
Internal Oil Capacity	25 oz.

GENERAL INFORMATION

Min/Max Flow (gpm)	5/15
Max Pressure (psi)	3600
Max Dia. Auger Bit	24"

Pengo's latest addition to the Revolution Series Drilling drives are the CS Models. These models compact and light weight and are designed to work with our General Purpose 2" Hex Aggressor®, TriMax® and Severe Rock Ripper® augers. Combining this drive with the CS-1 Mount and your Pengo auger gives you a complete auger package.

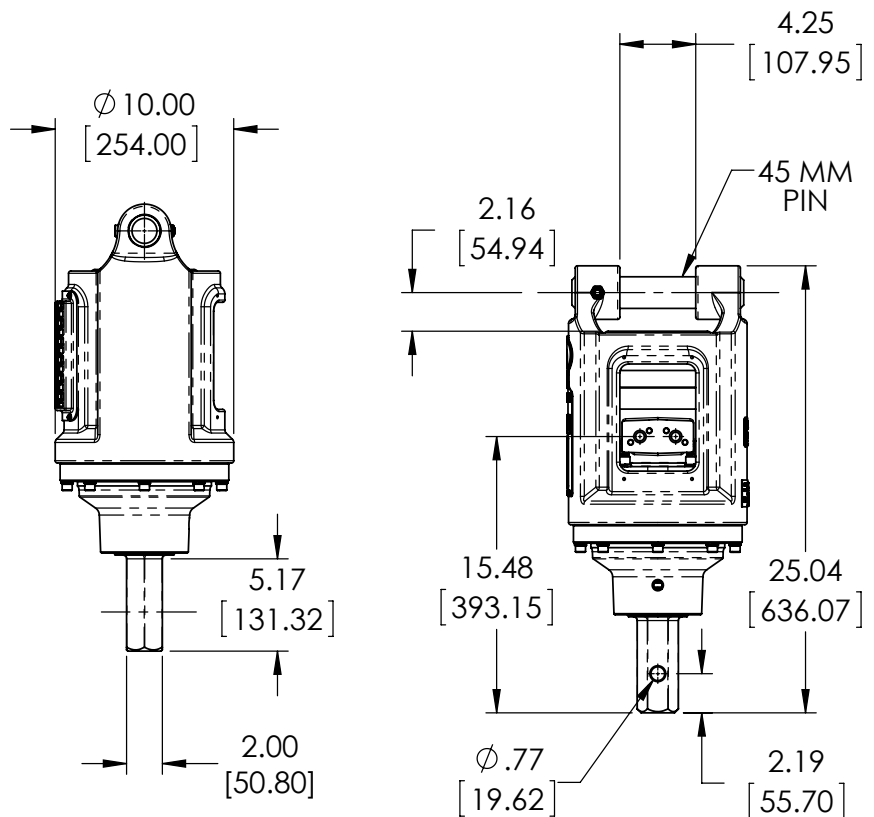
CS-1 DRILLING DRIVE



REFERENCE SPEED CHART	
Flow GPM	Theoretical
5	26
10	52
15	78

REFERENCE TORQUE CHART	
Pressure (psi)	THEORETICAL Torque (ft/lb)
1200	709
1400	828
1600	946
1800	1064
2000	1183
2200	1301
2400	1419
2600	1538
2800	1656
3000	1774
3200	1893
3400	2011
3600	2129

Speed and torque specifications are based on theoretical values and are provided for comparative purposes only.



45MM Link Arm

LBS | 7

PN | 623064



45MM Pin

LBS | 1

PN | 620024



MOUNT for CS-1

This CS-1 Drive and Mount are sold as a unit. Couple your Aggressor®, TriMax® or Severe Rock Ripper® with this unit for a complete General Purpose drive package.

CS-1 Drive and Mount

LBS | 300

PN | 623066



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

CS-2 DRILLING DRIVE



SINGLE SPEED DRIVE UNIT | PN 623011

use Pengo Aggressor® TriMax® Severe Rock Ripper® Augers



EXCAVATOR SIZE

2T - 3T

CONNECTIONS

HEX **2"**

MAX HOLE DEPTH

8'

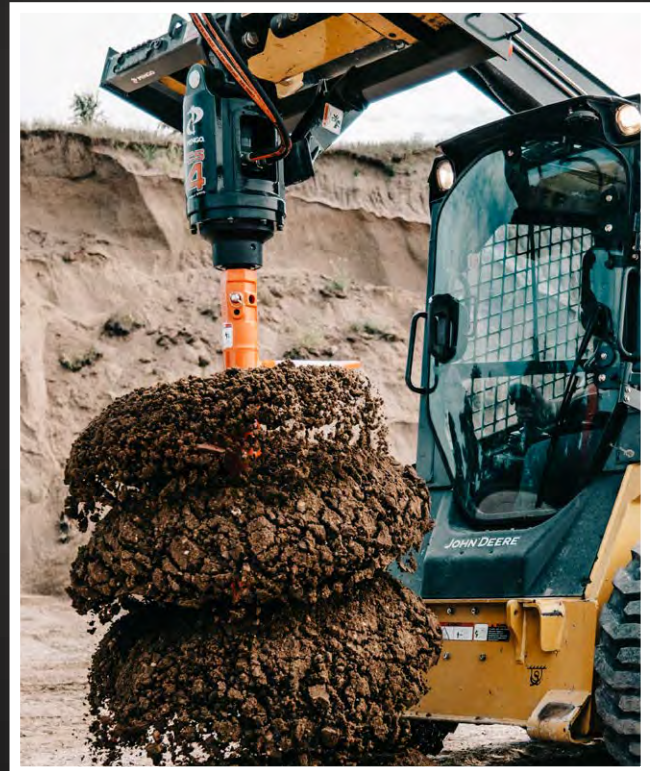
MAX HOLE DIA.

30"

WEIGHT

LBS | 130

No Case Drain Required



HYDRAULIC MOTOR INFORMATION

Displacement	15.4 cu/in (252cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - A 2 Bolt
Motor Ports	7/8-14 UNF-2B O-Ring
Cross Over Pressure Relief	NA

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Single Stage
Reduction Ratio	3.69:1
Output Shaft	2" Hex
Internal Oil Capacity	25 oz.

GENERAL INFORMATION

Min/Max Flow (gpm)	5/25
Max Pressure (psi)	3600
Max Dia. Auger Bit	30"

Pengo's latest addition to the Revolution Series Drilling drives are the CS Models. These models compact and light weight and are designed to work with our General Purpose 2" Hex Aggressor®, TriMax® and Severe Rock Ripper® augers. Combining this drive with the CS-2 Mount and your Pengo auger gives you a complete auger package.

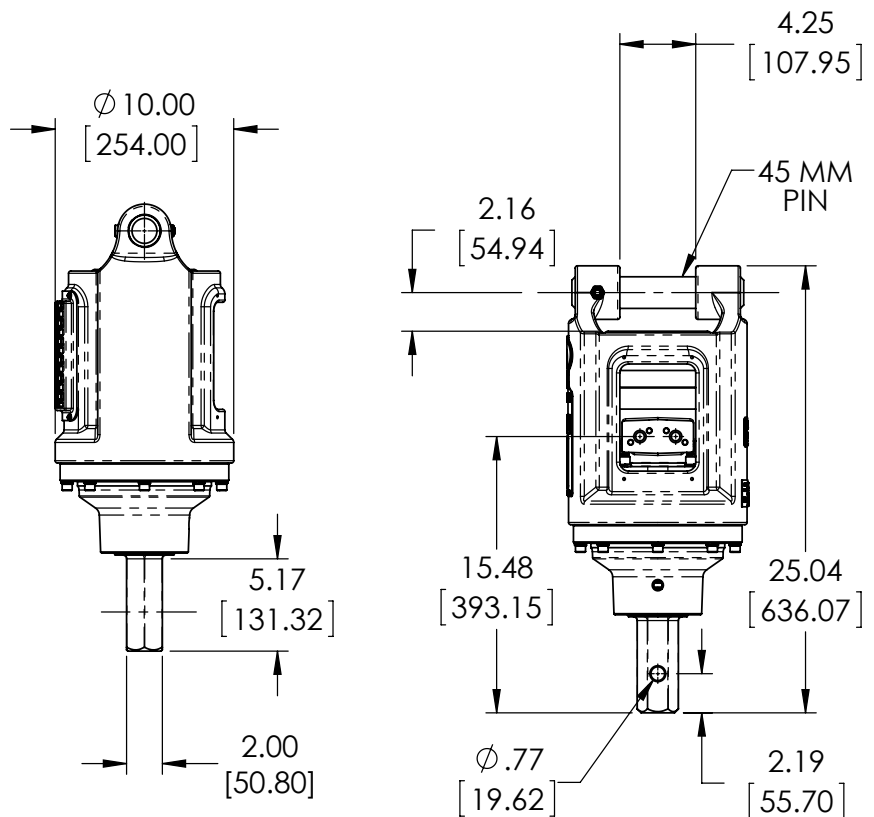
CS-2 DRILLING DRIVE



REFERENCE SPEED CHART	
Flow GPM	RPM
10	41
15	61
20	81
25	102

REFERENCE TORQUE CHART	
Pressure (psi)	THEORETICAL Torque (ft/lb)
1200	903
1400	1054
1600	1204
1800	1355
2000	1505
2200	1656
2400	1807
2600	1957
2800	2108
3000	2258
3200	2409
3400	2559
3600	2710

Speed and torque specifications are based on theoretical values and are provided for comparative purposes only.



45MM Link Arm

LBS | 7

PN | 623064



45MM Pin

LBS | 1

PN | 620024



MOUNT for CS-2

This CS-1 Drive and Mount are sold as a unit. Couple your Aggressor®, TriMax® or Severe Rock Ripper® with this unit for a complete General Purpose drive package.



CS-2 Drive and Mount

LBS | 300

PN | 623067

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

CS-3 DRILLING DRIVE



SINGLE SPEED DRIVE UNIT | PN 623012

use Pengo Aggressor® TriMax® Severe Rock Ripper® Augers



EXCAVATOR SIZE

2T - 3T

CONNECTIONS

HEX **2"**

MAX HOLE DEPTH

8'

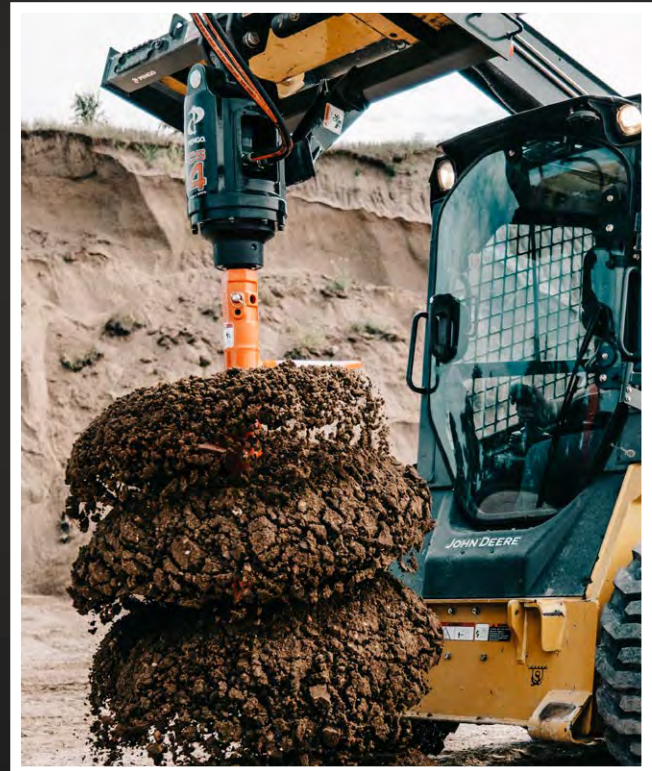
MAX HOLE DIA.

36"

WEIGHT

LBS | 130

No Case Drain Required



HYDRAULIC MOTOR INFORMATION

Displacement	18.3 cu/in (300cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - A 2 Bolt
Motor Ports	7/8-14 UNF-2B O-Ring
Cross Over Pressure Relief	NA

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Single Stage
Reduction Ratio	3.69:1
Output Shaft	2" Hex
Internal Oil Capacity	25 oz.

GENERAL INFORMATION

Min/Max Flow (gpm)	5/30
Max Pressure (psi)	3600
Max Dia. Auger Bit	36"

Pengo's latest addition to the Revolution Series Drilling drives are the CS Models. These models compact and light weight and are designed to work with our General Purpose 2" Hex Aggressor®, TriMax® and Severe Rock Ripper® augers. Combining this drive with the CS-3 Mount and your Pengo auger gives you a complete auger package.

CS-3 DRILLING DRIVE



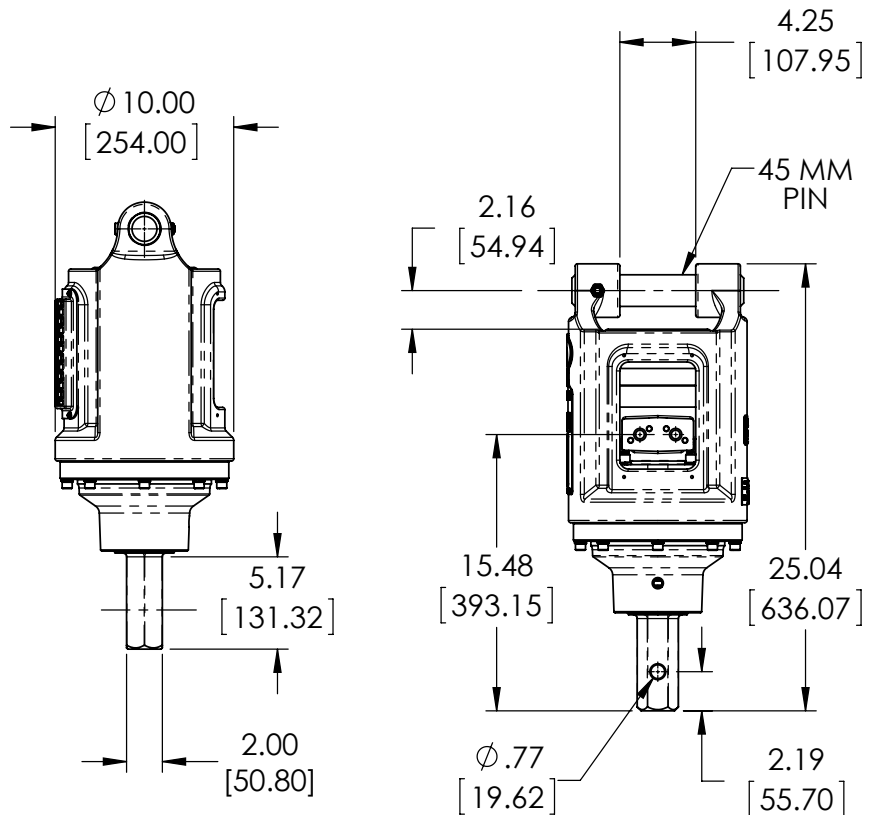
REFERENCE SPEED CHART

Flow GPM	RPM
15	51
20	68
25	85
30	103

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)
1200	1075
1400	1254
1600	1434
1800	1613
2000	1792
2200	1971
2400	2151
2600	2330
2800	2509
3000	2689
3200	2868
3400	3047
3600	3226

Speed and torque specifications are based on theoretical values and are provided for comparative purposes only.



45MM Link Arm

LBS | 7

PN | 623064



45MM Pin

LBS | 1

PN | 620024



MOUNT for CS-3

This CS-3 Drive and Mount are sold as a unit. Couple your Aggressor®, TriMax® or Severe Rock Ripper® with this unit for a complete General Purpose drive package.

CS-3 Drive and Mount

LBS | 300

PN | 623068



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

CS-4 DRILLING DRIVE



SINGLE SPEED DRIVE UNIT | PN 623018

use Pengo Aggressor® TriMax® Severe Rock Ripper® Augers



EXCAVATOR SIZE

2T - 3T

CONNECTIONS

HEX

2"

MAX HOLE DEPTH

8'

MAX HOLE DIA.

36"

WEIGHT

LBS | 130

No Case Drain Required



HYDRAULIC MOTOR INFORMATION

Displacement	21.2 cu/in (347cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - A 2 Bolt
Motor Ports	7/8-14 UNF-2B O-Ring
Cross Over Pressure Relief	NA

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Single Stage
Reduction Ratio	3.69:1
Output Shaft	2" Hex
Internal Oil Capacity	25 oz.

GENERAL INFORMATION

Min/Max Flow (gpm)	5/35
Max Pressure (psi)	3600
Max Dia. Auger Bit	36"

Pengo's latest addition to the Revolution Series Drilling drives are the CS Models. These models compact and light weight and are designed to work with our General Purpose 2" Hex Aggressor®, TriMax® and Severe Rock Ripper® augers. Combining this drive with the CS-4 Mount and your Pengo auger gives you a complete auger package.

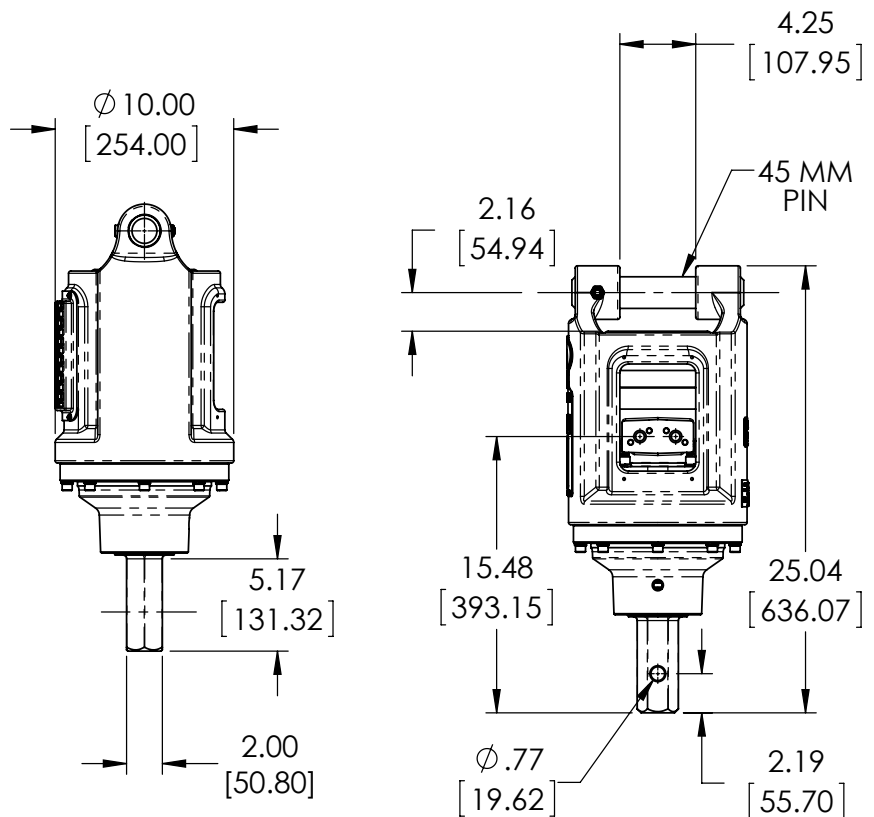
CS-4 DRILLING DRIVE



REFERENCE SPEED CHART	
Flow GPM	RPM
20	59
25	74
30	89
35	103

REFERENCE TORQUE CHART	
Pressure (psi)	THEORETICAL Torque (ft/lb)
1200	1244
1400	1451
1600	1658
1800	1866
2000	2073
2200	2280
2400	2488
2600	2695
2800	2902
3000	3110
3200	3317
3400	3525
3600	3732

Speed and torque specifications are based on theoretical values and are provided for comparative purposes only.



45MM Link Arm

LBS | 7

PN | 623064



45MM Pin

LBS | 1

PN | 620024

MOUNT for CS-4

This CS-4 Drive and Mount are sold as a unit. Couple your Aggressor®, TriMax® or Severe Rock Ripper® with this unit for a complete General Purpose drive package.



CS-4 Drive and Mount

LBS | 300

PN | 623069

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

DT-5 DRILLING DRIVE



TWO SPEED DRIVE UNIT | PN 610173

use Pengo TriMax® Severe Rock Ripper® and Utility Augers



EXCAVATOR SIZE

3T - 6T

CONNECTIONS

HEX **2 1/2"**

MAX HOLE DIA.

8'

5'

WEIGHT

LBS | 645

TRULINK TORQUE PIN

DT-5 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with 7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



The DT-5 will mount to the universal skid steer mounts, both standard and long reach, and will turn the TriMax® auger or Severe Rock Ripper® in those hard rock conditions. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow.

HYDRAULIC MOTOR INFORMATION

Displacement	2.98 cu/in (97.6cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12 UN-2B
Cross Over Pressure Relief	Set at 3,100 psi

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	25.36:1
Output Shaft	2 1/2" Hex
Internal Oil Capacity	2.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500 lbs.

DT-5 DRILLING DRIVE



2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	25	50
25 (95)	31	63
30 (113)	38	75
35 (132)	44	88
40 (151)	50	100

REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	1002	822
1200	1202	986
1400	1402	1150
1600	1603	1314
1800	1803	1478
2000	2004	1643
2200	2204	1807
2400	2404	1971
2600	2605	2136
2800	2805	2300
3000	3006	2465

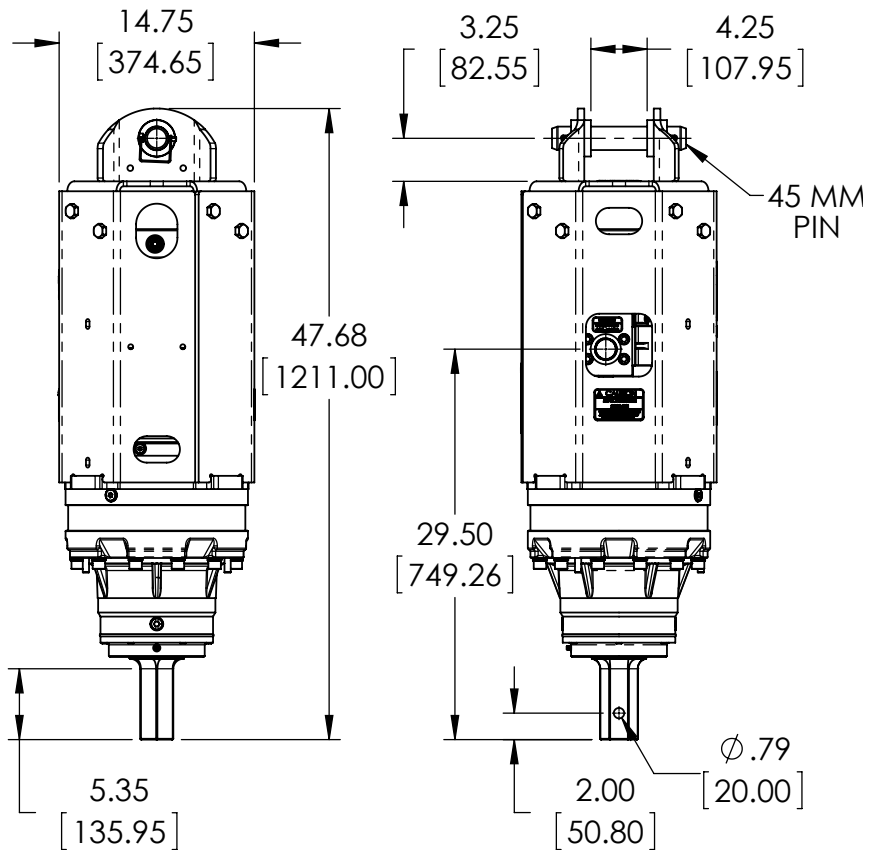
Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	2004	1643
1200	2404	1971
1400	2805	2300
1600	3206	2629
1800	3607	2958
2000	4008	3287
2200	4409	3615
2400	4809	3943
2600	5210	4272
2800	5611	4601
3000	6012	4930

LOW TORQUE/HIGH SPEED OUTPUT

HIGH TORQUE/LOW SPEED OUTPUT



MOUNTS for DT-5

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.

Universal Long Reach

LBS | 361

PN | 661318

Universal Mount

LBS | 201

PN | 661111

Pengo offers a complete excavator mounting systems for the DT-5 unit.

These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

45MM Pin

LBS | 7

PN | 660558

45MM Link Arm

LBS | 46

PN | 660555

2 1/2" Hex Drive Tool

LBS | 28

PN | 158132



Quick Coupler

End of Stick

Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

Custom mounts can be designed for specific applications.

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

DT-15 DRILLING DRIVE



TWO SPEED DRIVE UNIT | PN 610174

use Pengo Utility and Excavator Augers



EXCAVATOR SIZE

12T - 20T

CONNECTIONS

HEX **3"**

MAX HOLE DIA.

12'

5'

WEIGHT

LBS | 825

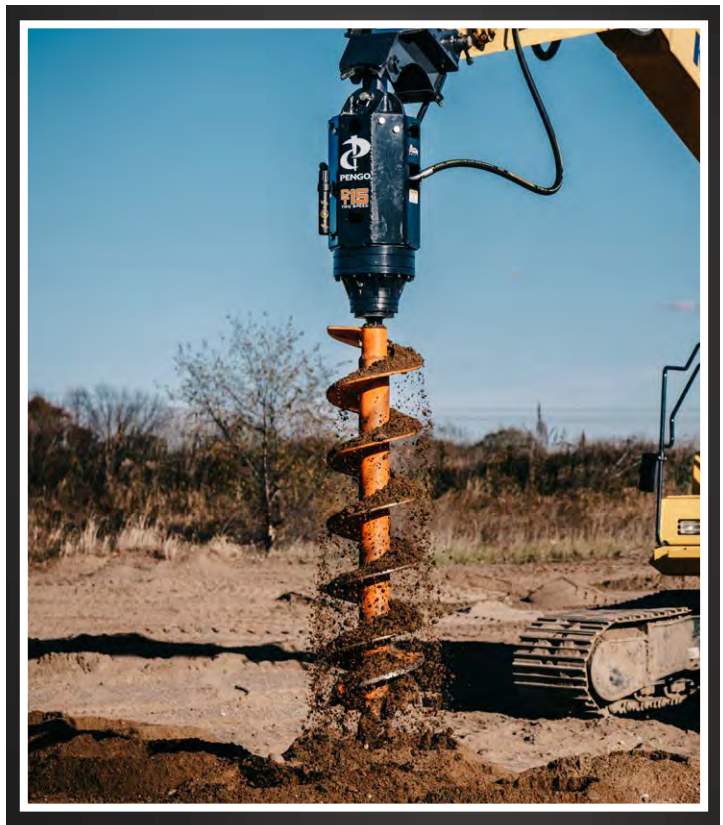
TRULINK TORQUE PIN

DT-15 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with 7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



The DT-15 Drilling drive will turn those utility and small foundation augers in most soil types. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow.

HYDRAULIC MOTOR INFORMATION

Displacement	17.8 cu/in (293cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12 UN-2B
Cross Over Pressure Relief	Set at 3,100 psi

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	26.52:1
Output Shaft	3" Hex
Internal Oil Capacity	3.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500 lbs.

DT-15 DRILLING DRIVE



2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	8	16
30 (113)	12	24
40 (151)	16	32
50 (190)	20	40

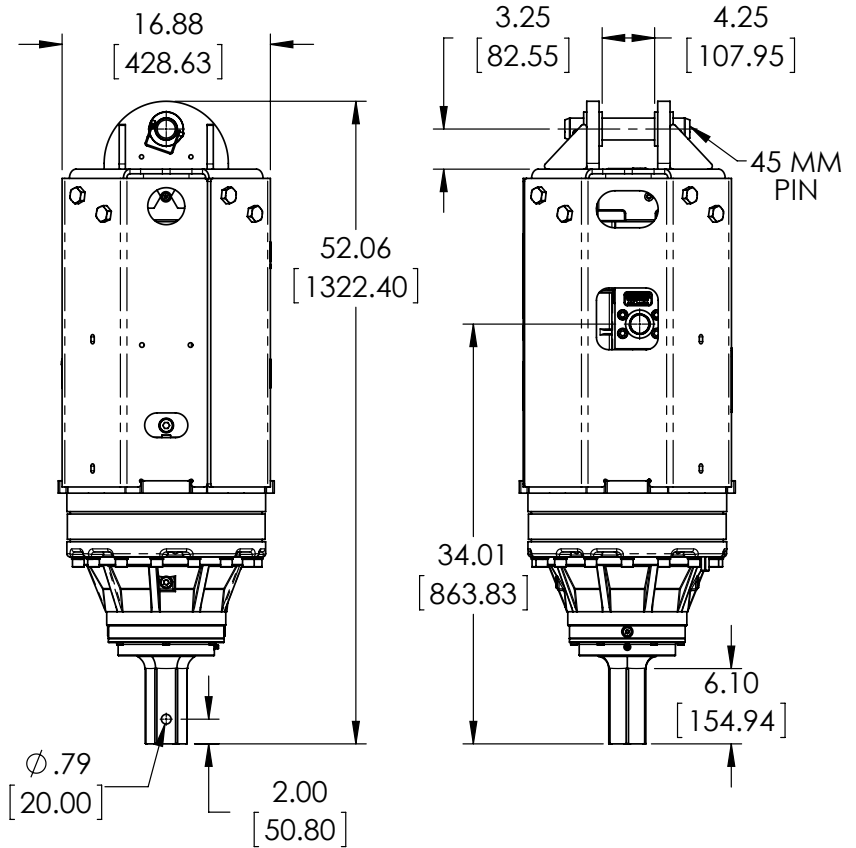
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	3145	2579
1200	3775	3096
1400	4404	3611
1600	5033	4127
1800	5662	4643
2000	6291	5159
2200	6920	5674
2400	7550	6191
2600	8179	6707
2800	8808	7223
3000	9437	7738

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	6291	5159
1200	7550	6191
1400	8808	7223
1600	10066	8254
1800	11325	9287
2000	12583	10318
2200	13841	11350
2400	15100	12382
2600	16358	13414
2800	17616	14445
3000	18875	15478



MOUNTS for DT-15

Pengo offers a complete excavator mounting systems for the DT-15 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

45MM Pin

LBS | 7

PN | 660558

45MM Link Arm

LBS | 46

PN | 660555

3" Hex
Drive Tool

LBS | 35

PN | 158137

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

DV-20 DRILLING DRIVE



VARIABLE SPEED DRIVE UNIT | PN 610442

use Pengo's Quick Change Excavator Augers



EXCAVATOR SIZE

12T - 20T

CONNECTIONS

HEX **3"**

20'

MAX HOLE DIA.

6'

WEIGHT

LBS | 880

TRULINK TORQUE PIN

DV-20 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with 7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



The DV-20 is an excellent companion to the Pengo Excavator Auger line. This powerhouse is capable of drilling holes up to 20' deep and 6' in diameter in both rock and dirt.

HYDRAULIC MOTOR INFORMATION

Displacement	8.25 cu/in (135cc)
Motor Type	Variable Speed Bi-Directional
Motor Output Shaft	8/16" Spline 13T
Motor Mount	SAE - D 2 Bolt
Motor Ports	Code 62 SAE Split Flange
Cross Over Pressure Relief	None

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	60.56:1
Output Shaft	3" Hex
Internal Oil Capacity	3.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	45,000 lbs.

DV-20 DRILLING DRIVE



Variable Speed Models must have a drain line.

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
40 (151)	16	27
45 (169)	18	30
50 (188)	20	33
55 (206)	22	37
60 (225)	24	40

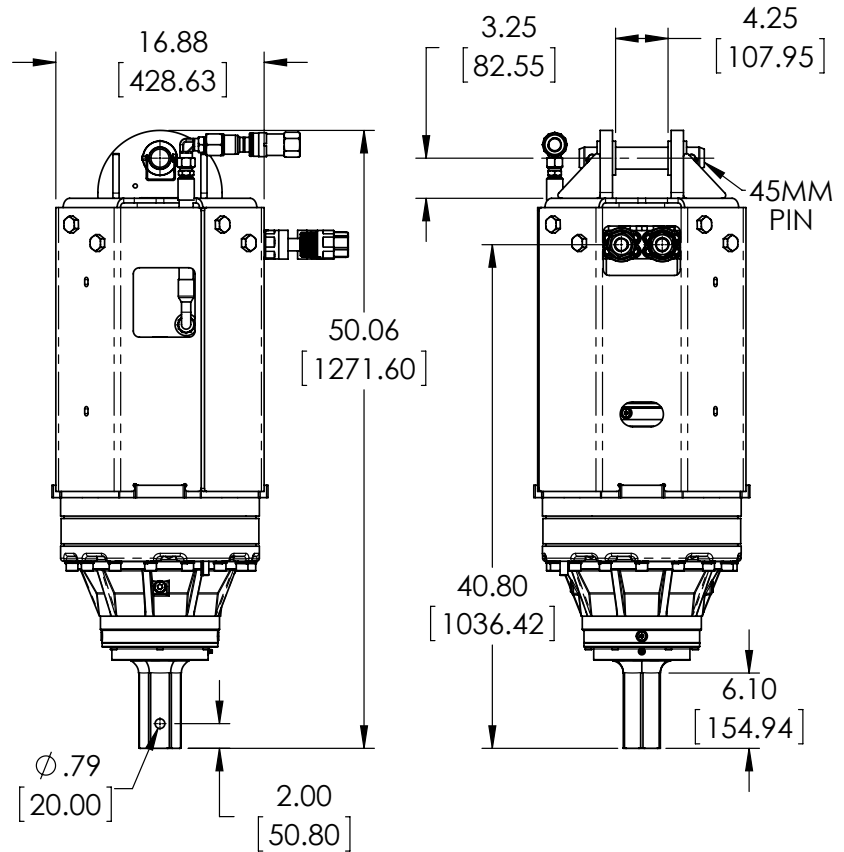
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
2000	7845	6668
2200	8630	7336
2400	9414	8002
2600	10199	8669
2800	10984	9336
3000	11768	10003
3200	12553	10670
3400	13337	11336
3600	14122	12004
3800	14907	12671
4000	15691	13337

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
2000	13239	11253
2200	14563	12379
2400	15887	13504
2600	17211	14629
2800	18535	15755
3000	19859	16880
3200	21183	18006
3400	22507	19131
3600	23831	20256
3800	25155	21382
4000	26479	22507

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



MOUNTS for DV-20

Pengo offers a complete excavator mounting systems for the DV-20 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

45MM Pin

LBS | 7

PN | 660558

45MM Link Arm

LBS | 46

PN | 660555

3" Hex Drive Tool

LBS | 35

PN | 158137

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

DV-30 DRILLING DRIVE

VARIABLE SPEED DRIVE UNIT | PN 610384

use Pengo's Excavator Augers



EXCAVATOR SIZE

15T - 25T

CONNECTIONS

SQUARE
4"

MAX HOLE DIA.

20'

6'

WEIGHT

LBS | 1250

TRULINK TORQUE MONITOR PIN

DV-30 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 2 with 7" Display
PN | 615071

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



The High Speed DV-30 Drive is compatible with Pengo's Excavator Auger system. The drive will drill holes up to 20' deep and 6' in diameter in rock, dirt and frozen ground.

HYDRAULIC MOTOR INFORMATION

Displacement	10.06 cu/in (165cc)
Motor Type	Variable Speed Bi-Directional
Motor Output Shaft	8/16" Spline 13T
Motor Mount	SAE - D 2 Bolt
Motor Ports	Code 62 SAE Split Flange
Cross Over Pressure Relief	None

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	69.7:1
Output Shaft	4" Square
Internal Oil Capacity	3.17 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	60,000 lbs.

DV-30 DRILLING DRIVE



Variable Speed Models must have a drain line.

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
40 (151)	11	27
45 (169)	13	31
50 (188)	14	34
55 (206)	15	37
60 (225)	17	41

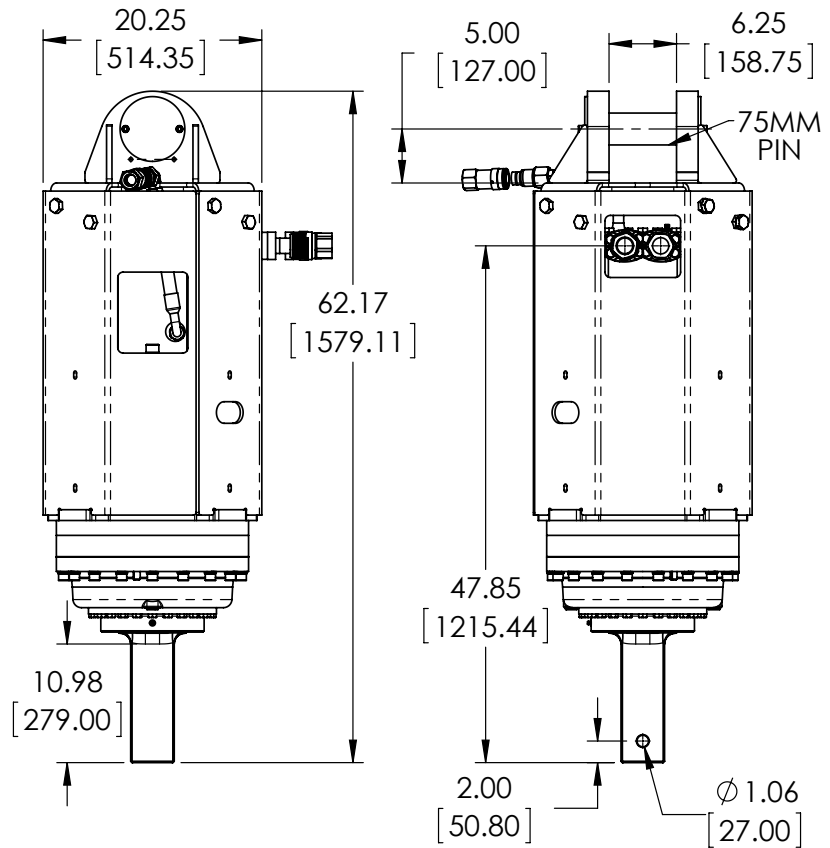
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
2000	7675	6524
2200	8442	7176
2400	9210	7829
2600	9978	8481
2800	10745	9133
3000	11513	9786
3200	12280	10438
3400	13048	11091
3600	13815	11743
3800	14583	12396
4000	15350	13048

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
2000	18624	15830
2200	20486	17413
2400	22349	18997
2600	24211	20579
2800	26073	22162
3000	27936	23746
3200	29798	25328
3400	31661	26912
3600	33523	28495
3800	35386	30078
4000	37248	31661

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



MOUNTS for DV-30

Pengo offers a complete excavator mounting systems for the DV-30 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



End of Stick

Quick Coupler

Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

75MM Pin

LBS | 19.5

PN | 660554

75MM Link Arm

LBS | 137

PN | 610202

4" Square Drive Tool

LBS | 89

PN | 660951

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

DV-40 DRILLING DRIVE

VARIABLE SPEED DRIVE UNIT | PN 610385

use Pengo's Excavator Augers



EXCAVATOR SIZE

15T - 25T

CONNECTIONS

SQUARE **130MM**

MAX HOLE DIA.

20'

7"

WEIGHT

LBS | 1500

TRULINK TORQUE PIN

DV-40 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 2 with 7" Display
PN | 615071

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable, Stylus, and Flash USB Drive



The DV-40 is the largest drilling drive in the Revolution Series. This drive with turn Pengo Excavator augers 25' deep and as wide as 7' in diameter. Like the DV-30 it is able to drill in most rock, dirt and frozen ground drilling conditions.

HYDRAULIC MOTOR INFORMATION

Displacement	10.06 cu/in (165cc)
Motor Type	Variable Speed Bi-Directional
Motor Output Shaft	8/16" Spline 13T
Motor Mount	SAE - D 2 Bolt
Motor Ports	Code 62 SAE Split Flange
Cross Over Pressure Relief	None

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	83.78:1
Output Shaft	130mm Square
Internal Oil Capacity	4.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	60,000 lbs.

DV-40 DRILLING DRIVE



Variable Speed Models must have a drain line.

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
40 (151)	9	23
45 (169)	10	25
50 (188)	12	28
55 (206)	13	31
60 (225)	14	34

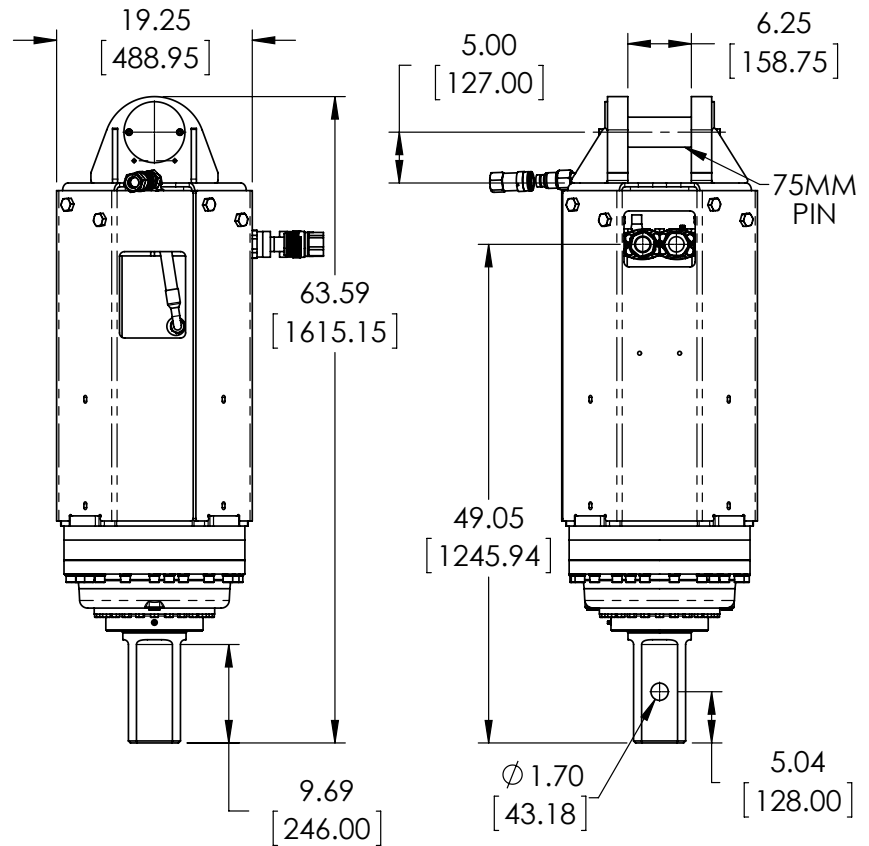
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
2000	9225	7841
2200	10148	8626
2400	11071	9410
2600	11993	10194
2800	12916	10979
3000	13838	11762
3200	14761	12547
3400	15684	13331
3600	16606	14115
3800	17529	14900
4000	18451	15683

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
2000	22386	19028
2200	24625	20931
2400	26863	22834
2600	29102	24737
2800	31341	26640
3000	33579	28542
3200	35818	30445
3400	38057	32348
3600	40295	34251
3800	42534	36154
4000	44772	38056



MOUNTS for DV-40

Pengo offers a complete excavator mounting systems for the DV-40 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

75MM Pin

LBS | 19.5

PN | 660554

75MM Link Arm

LBS | 137

PN | 610202

130MM SQ Drive Tool

LBS | 127.5

PN | 610301

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RS-6X ANCHOR DRIVE



SINGLE SPEED DRIVE UNIT | PN 610659

used for anchor installation



DID YOU KNOW:
The RS-6X hand-held drive can easily be converted to use on a skid steer or mini excavator. Just attach the RS-6 bail assembly and you are set to go.

HYDRAULIC MOTOR INFORMATION

Displacement	18.7 cu/in (306cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1" 6B Spline
Motor Mount	SAE - A 2 Bolt
Motor Ports	3/4" - 16 O-Ring
Cross Over Pressure Relief	Set at 2700 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	13.29:1
Output Shaft	2" Hex
Internal Oil Capacity	.50 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	3,000

EXCAVATOR SIZE

NA

CONNECTIONS

HEX

2"

WEIGHT

LBS | 87

NOT RECOMMENDED FOR DRILLING

TRULINK TORQUE PIN

Not applicable with this model.



The light weight RS-6X offers the shortest overall length and smallest diameter and will be perfect for any hand-held operation to install anchors in those hard to reach places.

RS-6X ANCHOR DRIVE



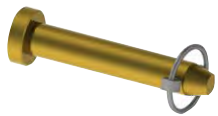
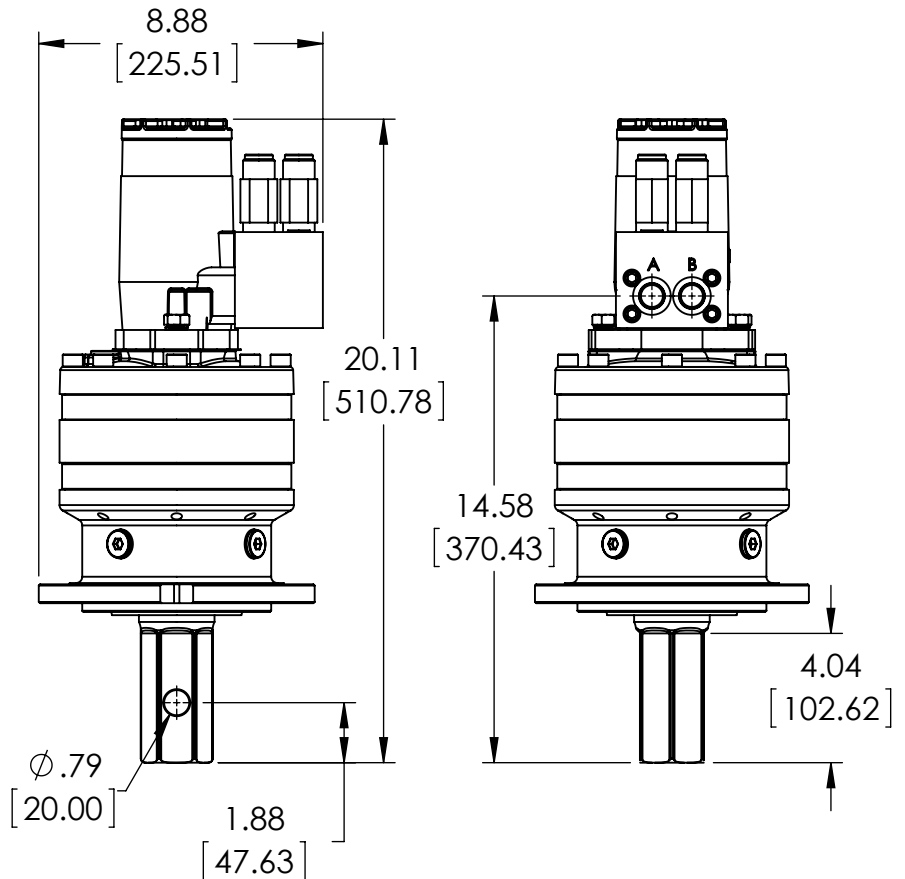
REFERENCE SPEED CHART

Flow GPM (Liter)	Speed (rpm)	
10 (38)	9	
15 (56)	14	
20 (75)	19	
25 (94)	23	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	3292	2699
1300	4280	3510
1500	4939	4050
1700	5597	4590
1900	6256	5130
2100	6915	5670
2300	7573	6210
2500	9232	6750

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



Pin for 2" Hex Output

LBS | 2

PN | 135015

2" Hex Drive Tool

LBS | 20

PN | 661342



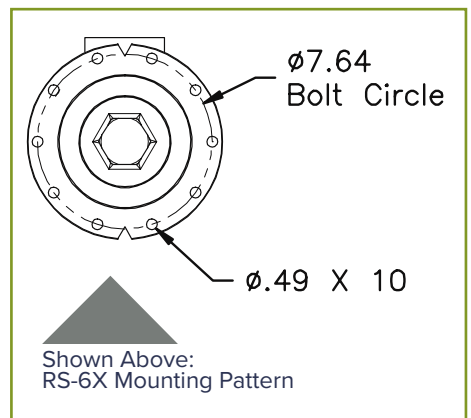
Add the RS-6 Bail Assembly to use on Skid Steer or Mini Excavator



RS-6 Bail Assembly

LBS | 17

PN | 610698



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RS-6 ANCHOR DRIVE



SINGLE SPEED DRIVE UNIT | PN 610658

used for anchor installation

Pengo Introduced the RS-6 to the Revolution Drive line in 2014. This unit was designed to provide anchor installers a small, light-weight unit to be used in hard to reach places.



EXCAVATOR SIZE

3T - 6T

CONNECTIONS

HEX **2"**

WEIGHT

LBS | 165

NOT RECOMMENDED
FOR DRILLING

TRULINK TORQUE PIN

*DT-5 is outfitted to fit these
TruLink® Torque Monitor Systems.*



TruLink 2.0 Class 1 with
7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation Block,
Mount, Cable and Stylus.



The RS-6 Anchor Drive is similar to the RX-6 but includes the bail housing. The RS-6 drives will attach to your skid steer or mini-excavator and it offers the shortest overall length and smallest diameter for drilling. The RS-6 will allow your prime mover access to the tight spaces.

HYDRAULIC MOTOR INFORMATION

Displacement	18.7 cu/in (306cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1" 6B Spline
Motor Mount	SAE - A 2 Bolt
Motor Ports	3/4" - 16 O-Ring
Cross Over Pressure Relief	Set at 2700 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	13.29:1
Output Shaft	2" Hex
Internal Oil Capacity	.50 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	3,000

RS-6 ANCHOR DRIVE



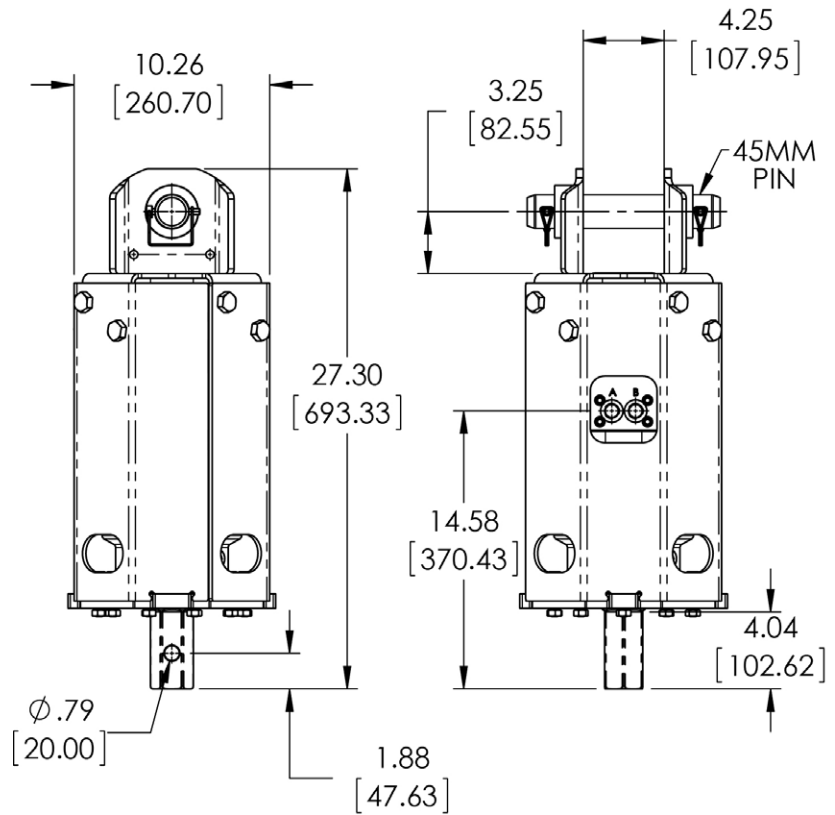
REFERENCE SPEED CHART

Flow GPM (Liter)	Speed (rpm)	
10 (38)	9	
15 (56)	14	
20 (75)	19	
25 (94)	23	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	3292	2699
1300	4280	3510
1500	4939	4050
1700	5597	4590
1900	6256	5130
2100	6915	5670
2300	7573	6210
2500	9232	6750

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



45MM Link Arm

LBS | 46

PN | 660555

45MM Pin

LBS | 7

PN | 660558

2" Hex Drive Tool

LBS | 20

PN | 661342

Pin for 2" Hex Output

LBS | 2

PN | 135015

MOUNTS for RS-6

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.



Universal Long Reach

LBS | 361

PN | 661318



Universal Mount

LBS | 201

PN | 661111

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RS-7X ANCHOR DRIVE



SINGLE SPEED DRIVE UNIT | PN 610206

used for anchor installation

DID YOU KNOW:

The RS-7X hand-held drive can easily be converted to use on a skid steer or mini excavator. Just attach the RS-7 bail assembly and you are set to go.

Standard cross-over pressure relief system that is designed to protect the motor from pressure spikes and potential overload conditions

Highly Efficient Gearbox designed for long duty cycles

2" Hex Output Shaft



EXCAVATOR SIZE

NA

CONNECTIONS

HEX

2"

WEIGHT

LBS | 120

NOT RECOMMENDED FOR DRILLING

TRULINK TORQUE PIN

Not applicable with this model.



HYDRAULIC MOTOR INFORMATION

Displacement	18.7 cu/in (306cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1" 6B Spline
Motor Mount	SAE - A 2 Bolt
Motor Ports	3/4" - 16 O-Ring
Cross Over Pressure Relief	Set at 2700 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	14.79:1
Output Shaft	2" Hex
Internal Oil Capacity	.50 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	3,000

Designed to fit with stand-alone power packs, the RS-7X provides the versatility to be mounted to a skid steer when the bail assembly (sold separately) is attached. This anchor drive allows you to work in small hard to reach places.

RS-7X ANCHOR DRIVE



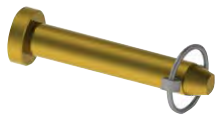
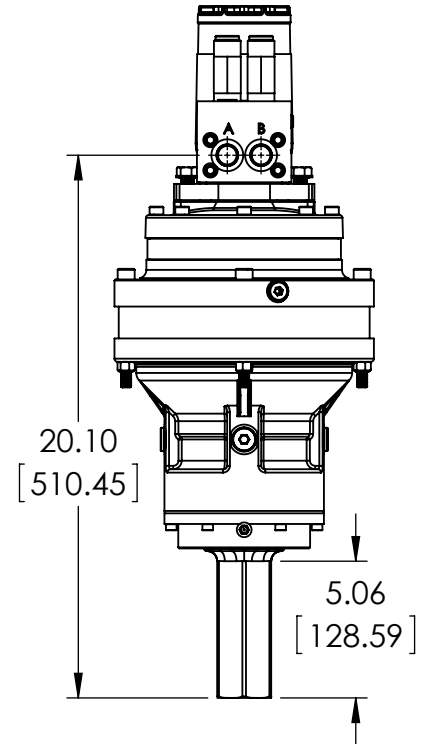
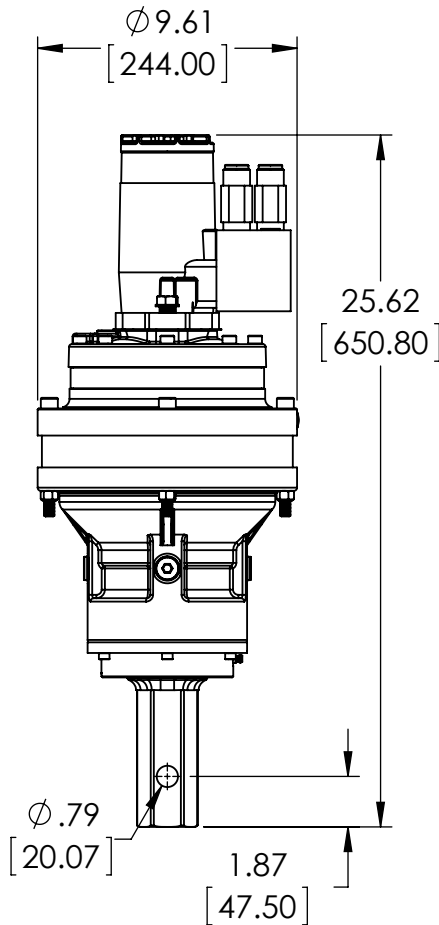
REFERENCE SPEED CHART

Flow GPM (Liter)	Speed (rpm)	
10 (38)	7	
15 (56)	10	
20 (75)	14	
25 (94)	17	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	3664	3004
1300	4763	3906
1500	5496	4507
1700	6229	5108
1900	6962	5709
2100	7695	6310
2300	8428	6911
2500	9161	7512

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



Pin for 2" Hex Output

LBS | 2

PN | 135015

2" Hex Drive Tool

LBS | 20

PN | 661342



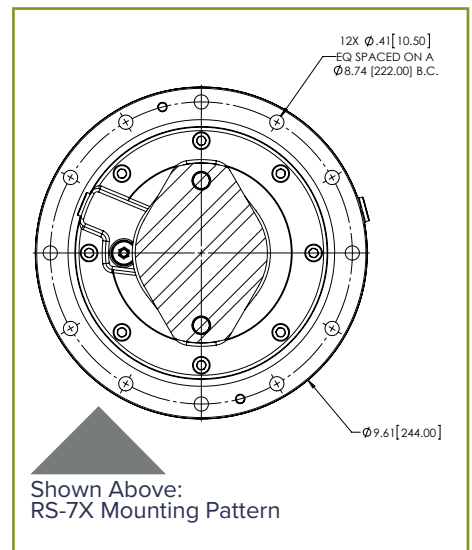
Add the RS-7 Bail Assembly to use on Skid Steer or Mini Excavator



RS-7 Bail Assembly

LBS | 17

PN | 610288



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RS-7 ANCHOR DRIVE



SINGLE SPEED DRIVE UNIT | PN 610207

used for anchor installation

EXCAVATOR SIZE

3T - 6T

CONNECTIONS

HEX

2"

WEIGHT

LBS | 170

NOT RECOMMENDED
FOR DRILLING

TRULINK TORQUE PIN

*RS-7 is outfitted to fit these
TruLink® Torque Monitor Systems.*



TruLink 2.0 Class 1 with
7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation
Block, Mount, Cable and Stylus.

Removable Top
Section →

Standard cross-
over pressure
relief system that
is designed to
protect the motor
from pressure
spikes and
potential overload
conditions →

Highly Efficient
Gearbox →
designed for long
duty cycles

2" Hex
Output Shaft →

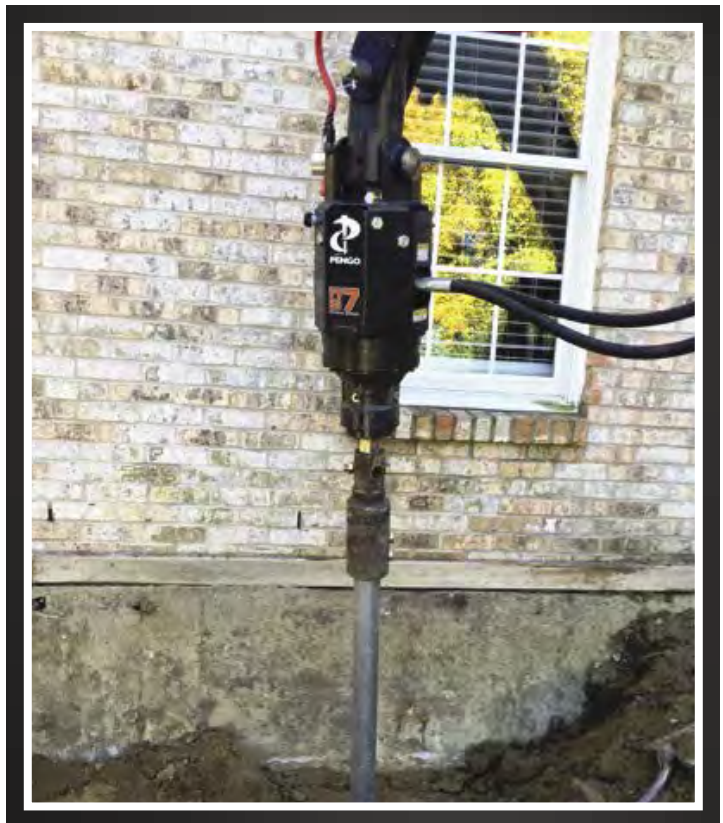


HYDRAULIC MOTOR INFORMATION

Displacement	18.7 cu/in (306cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1" 6B Spline
Motor Mount	SAE - A 2 Bolt
Motor Ports	3/4" - 16 O-Ring
Cross Over Pressure Relief	Set at 2700 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	14.79:1
Output Shaft	2" Hex
Internal Oil Capacity	.50 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	7,000



Choose the single speed RS-7 anchor drive for your next installation project. The standard cross-over pressure relief system will protect the hydraulic motor from pressure spikes and potential overload conditions. Add a mount and the TruLink® for the complete drive system.

RS-7 ANCHOR DRIVE



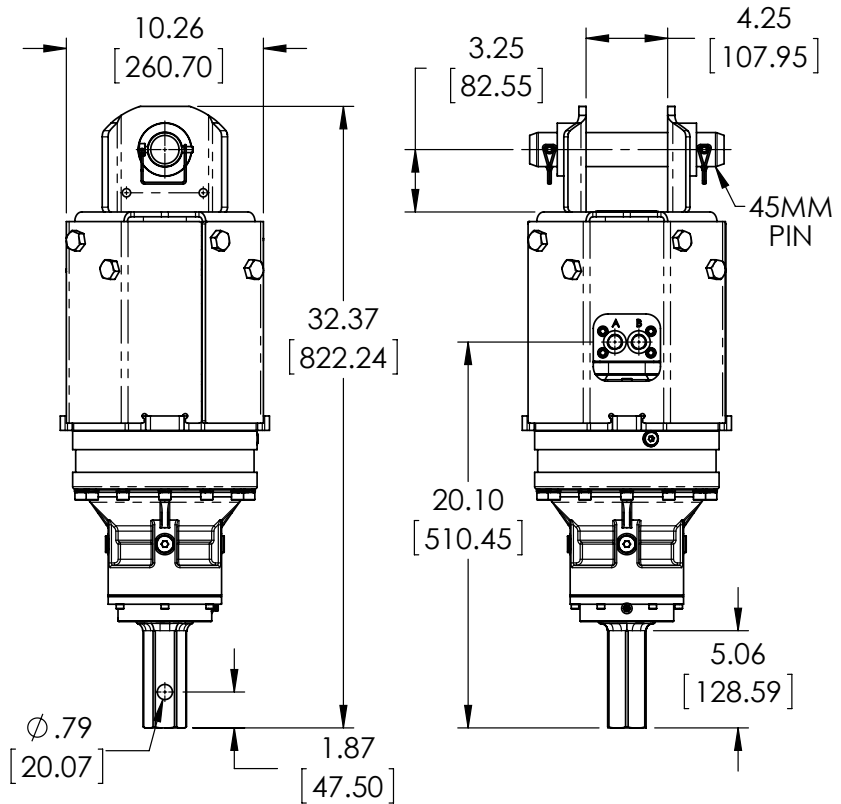
REFERENCE SPEED CHART

Flow GPM (Liter)	Speed (rpm)	
10 (38)	7	
15 (56)	10	
20 (75)	14	
25 (94)	17	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	3664	3004
1300	4763	3906
1500	5496	4507
1700	6229	5108
1900	6962	5709
2100	7695	6310
2300	8428	6911
2500	9161	7512

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



45MM Link Arm

LBS | 46

PN | 660555

45MM Pin

LBS | 7

PN | 660558

2" Hex Drive Tool

LBS | 20

PN | 661342

Pin for 2" Hex Output

LBS | 2

PN | 135015

MOUNTS for RS-7

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.



Universal Long Reach

LBS | 361

PN | 661318



Universal Mount

LBS | 201

PN | 661111

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RS-12 ANCHOR DRIVE



SINGLE SPEED DRIVE UNIT | PN 610057

used for anchor installation



Removable Top Section →

Standard cross-over pressure relief system that is designed to protect the motor from pressure spikes and potential overload conditions →

Attached Manual Holder for Quick Access →

Highly Efficient Gearbox designed for long duty cycles →

2 1/2" Hex Output Shaft →

EXCAVATOR SIZE

6T - 12T

CONNECTIONS

HEX **2 1/2"**

WEIGHT

LBS | 546

NOT RECOMMENDED FOR DRILLING

TRULINK TORQUE PIN

RS-12 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with 7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



HYDRAULIC MOTOR INFORMATION

Displacement	23.9 cu/in (390cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1 1/2" Spline 17T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 1/16" - 12 O-Ring
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	17.39:1
Output Shaft	2 1/2" Hex
Internal Oil Capacity	2.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500

The single speed RS-12 is good for Mini-Excavators due to the low GPM requirements. With a standard cross-over pressure relief system and TruLink® compatibility, this drive will not disappoint on your next project.

RS-12 ANCHOR DRIVE



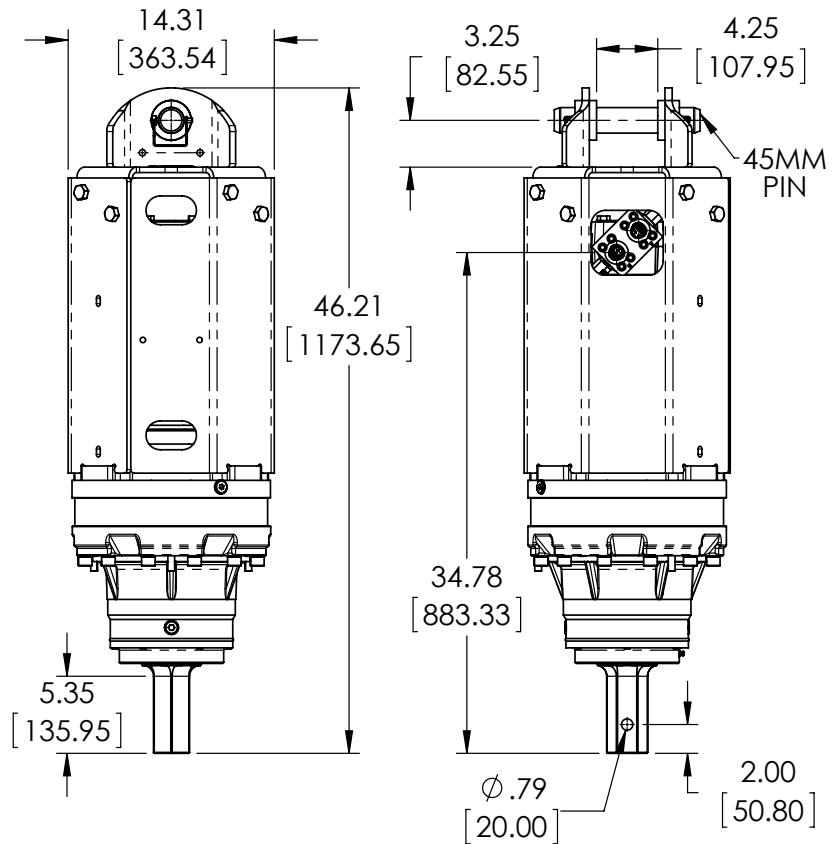
REFERENCE SPEED CHART

Flow GPM (Liter)	Speed (rpm)	
15 (56)	7	
20 (75)	9	
25 (94)	11	
30 (113)	13	
35 (132)	15	
40 (141)	18	

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	5491	4338
1200	6589	5205
1400	7688	6074
1600	8786	6941
1800	9884	7808
2000	10983	8677
2200	12081	9544
2400	13179	10411
2600	14278	11280
2800	15376	12147
3000	16474	13014

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



45MM Link Arm

LBS | 46

PN | 660555



45MM Pin

LBS | 7

PN | 660558



2 1/2" Hex Drive Tool

LBS | 28

PN | 158132



MOUNTS for RS-12

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.

Universal Long Reach

LBS | 361

PN | 661318

Universal Mount

LBS | 201

PN | 661111



Pengo offers a complete excavator mounting systems for the RS-12 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.



Quick Coupler



End of Stick

Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

Custom mounts can be designed for specific applications.

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RS-16 ANCHOR DRIVE



SINGLE SPEED DRIVE UNIT | PN 623133

used for anchor installation



Counter-balance valve is a standard feature to reduce anchor kick-back →

No case drain required →

Attached manual holder for quick access →

Highly efficient gearbox designed for long duty cycles →

2 1/2" Hex output shaft →

HYDRAULIC MOTOR INFORMATION

Displacement	19 cu/in (310cc)
Motor Type	Single Speed Bi-Directional
Motor Output Shaft	1 1/2" Spline 17T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 1/16" - 12 O-Ring
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	17.39:1
Output Shaft	2 1/2" Hex
Internal Oil Capacity	2.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500

EXCAVATOR SIZE

8T - 20T

CONNECTIONS

HEX **2 1/2"**

WEIGHT

LBS | 650

NOT RECOMMENDED FOR DRILLING

TRULINK TORQUE PIN

RS-16 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with 7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



The RS-16, Pengo's newest addition to the anchor drive product line, provides significant torque capability in a compact package. The addition of a standard counter-balance valve reduces the amount of anchor kick-back often encountered during installation. The RS-16 is the perfect choice for excavators between 8T and 20T and like all Pengo anchor drives, the RS-16 is overbuilt to perform.

RS-16 ANCHOR DRIVE



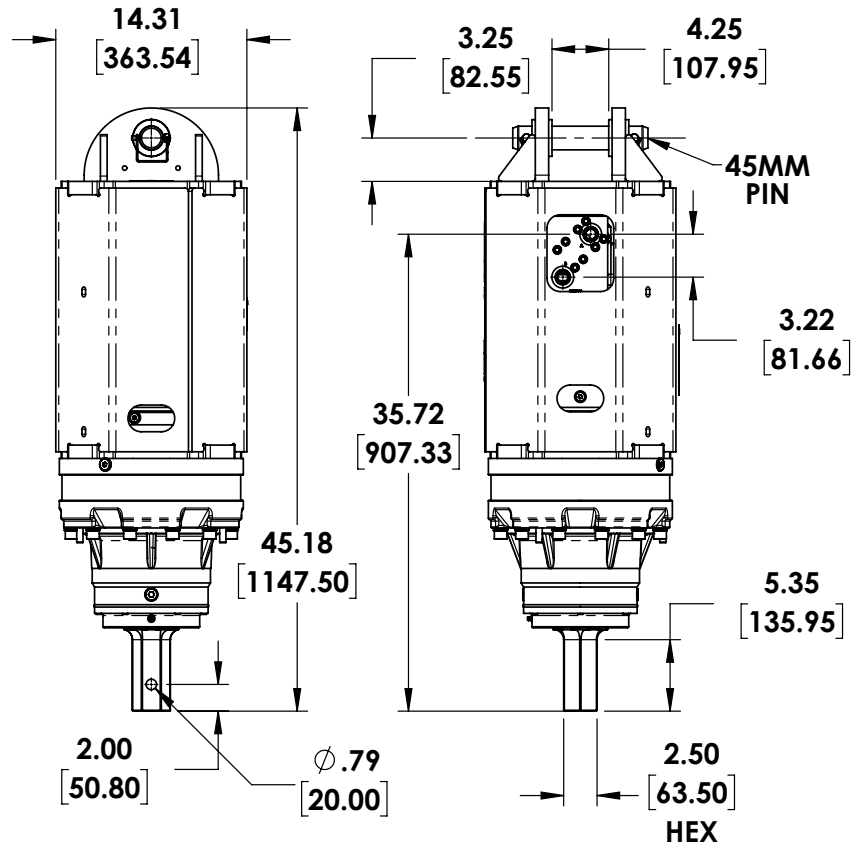
REFERENCE SPEED CHART

Flow GPM (Liter)	Speed (rpm)
15 (56)	7
20 (75)	9
25 (94)	12
30 (113)	14
35 (132)	16
40 (141)	19

REFERENCE TORQUE CHART

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	6365	5347
1200	7638	6416
1400	8911	7485
1600	10185	8555
1800	11458	9625
2000	12731	10694
2200	14004	11763
2400	15277	12833
2600	16550	13902
2800	17823	14971
3000	19096	16041

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



MOUNTS for RS-16

Pengo offers a complete excavator mounting systems for the RS-16 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

End of Stick



Quick Coupler



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

Custom mounts can be designed for specific applications.

45MM Link Arm

LBS | 46

PN | 660555



45MM Pin

LBS | 7

PN | 660558



2 1/2" Hex Drive Tool

LBS | 28

PN | 158132



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RT-9 ANCHOR DRIVE

TWO SPEED DRIVE UNIT | PN 610058

used for anchor installation



EXCAVATOR SIZE

4T - 8T

CONNECTIONS

HEX **2 1/2"**

WEIGHT

LBS | 540

NOT RECOMMENDED
FOR DRILLING

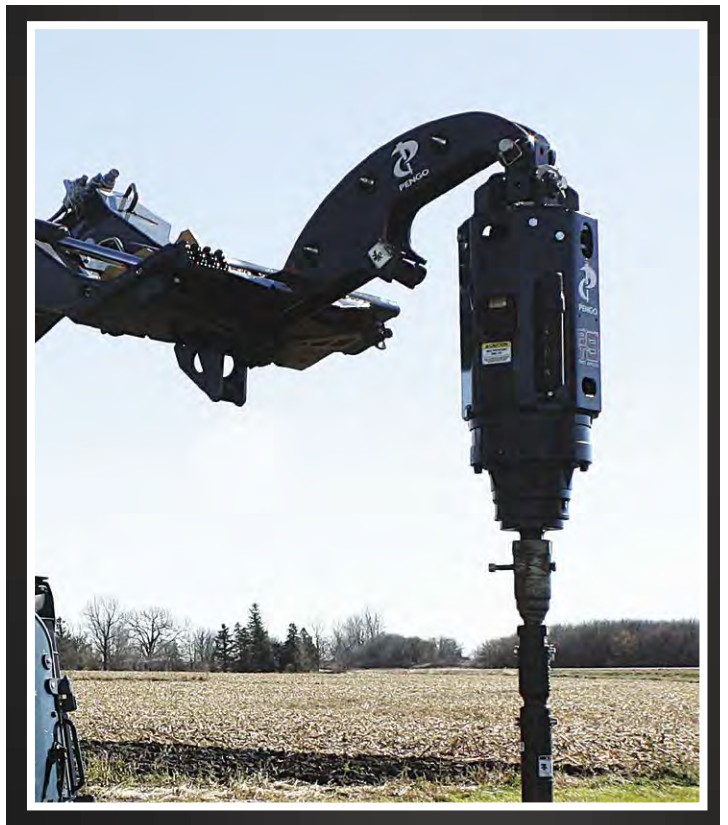
TRULINK TORQUE PIN

RT-9 is outfitted to fit these
TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with
7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation
Block, Mount, Cable and Stylus.



HYDRAULIC MOTOR INFORMATION

Displacement	11.9 cu/in (195cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	25.36:1
Output Shaft	2 1/2" Hex
Internal Oil Capacity	2.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500

The RT-9 Anchor drive is perfect for the small anchor installation and drilling projects. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow. If you chose to use this drive for drilling, select the Pengo TriMax® or Utility auger for best results.

RT-9 ANCHOR DRIVE



2-Speed Models must have a minimum of 20GPM

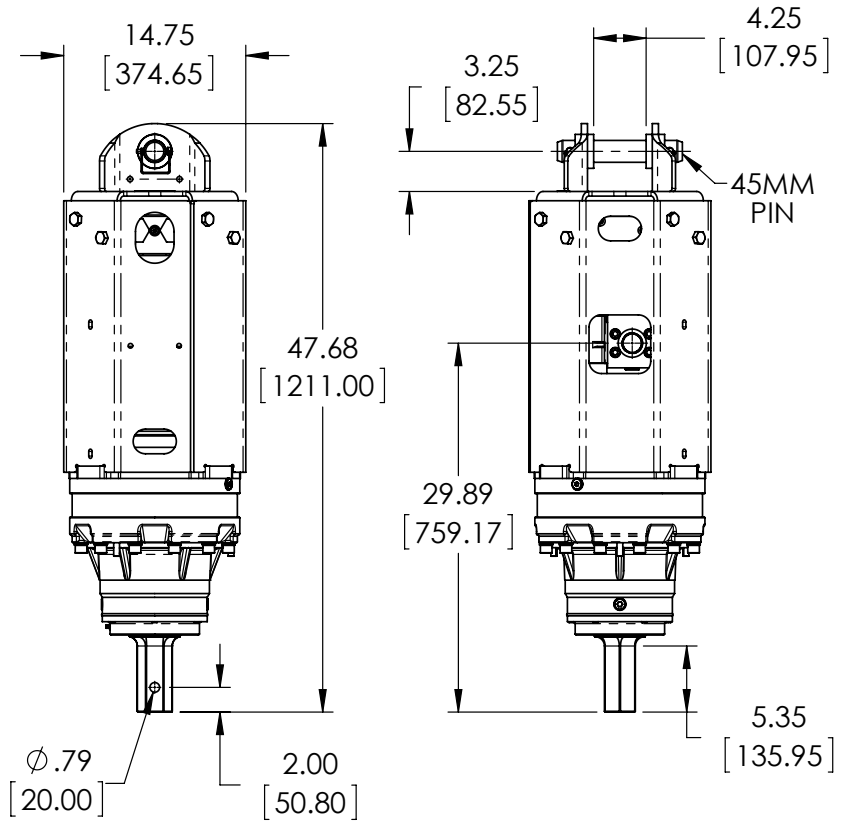
REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	13	25
30 (113)	19	38
40 (151)	25	50
50 (190)	31	63

REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	2002	1642
1200	2402	1970
1400	2802	2298
1600	3203	2626
1800	3603	2954
2000	4004	3283
2200	4404	3611
2400	4805	3940
2600	5205	4268
2800	5605	4596
3000	6006	4925

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.



REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	4004	3283
1200	4805	3940
1400	5605	4596
1600	6406	5253
1800	7207	5910
2000	8008	6567
2200	8809	7223
2400	9610	7880
2600	10410	8536
2800	11211	9193
3000	12012	9850

HIGH TORQUE/LOW SPEED OUTPUT

LOW TORQUE/HIGH SPEED OUTPUT



MOUNTS for RT-9

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.

Universal Long Reach

LBS | 361

PN | 661318

Universal Mount

LBS | 201

PN | 661111

Custom mounts can be designed for specific applications.

Pengo offers a complete excavator mounting systems for the RT-9 unit.

These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.



Quick Coupler

End of Stick

Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RT-12 ANCHOR DRIVE



TWO SPEED DRIVE UNIT | PN 610059

used for anchor installation



EXCAVATOR SIZE

6T - 12T

CONNECTIONS

HEX **2 1/2"**

WEIGHT

LBS | 655

NOT RECOMMENDED
FOR DRILLING

TRULINK TORQUE PIN

*RT-12 is outfitted to fit these
TruLink® Torque Monitor Systems.*



TruLink 2.0 Class 1 with
7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation
Block, Mount, Cable and Stylus.

The RT-12 features
Auto Shift. This feature
allows the drive to
automatically shift
between high speed/
low torque and low
speed/high torque
depending on the input
flow.



2 1/2" Hex
Output Shaft

HYDRAULIC MOTOR INFORMATION

Displacement	14.9 cu/in (244cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Two Stage
Reduction Ratio	25.36:1
Output Shaft	2 1/2" Hex
Internal Oil Capacity	2.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	22,500



The RT-12 Anchor drive is perfect anchor installation projects when using a skid steer, mini-excavator or backhoe. This drive may also be used for some drilling applications with the Pengo Utility or Excavator auger system.

RT-12 ANCHOR DRIVE



2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	10	21
30 (113)	15	32
40 (151)	20	43
50 (190)	25	54

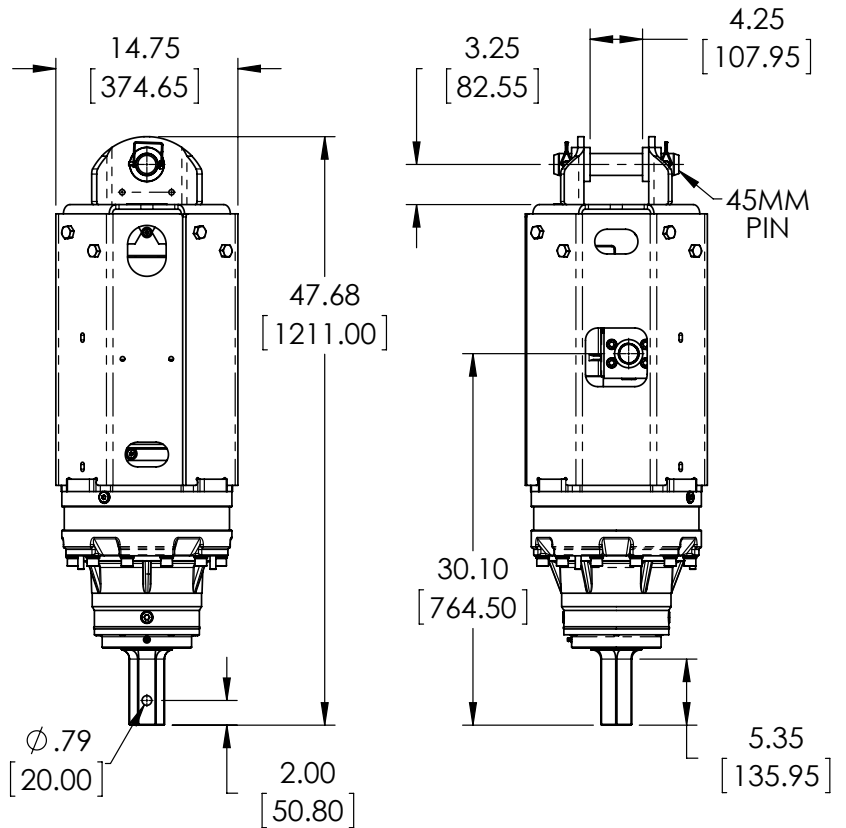
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	2338	1917
1200	2806	2301
1400	3274	2685
1600	3742	3068
1800	4209	3451
2000	4677	3835
2200	5145	4219
2400	5613	4603
2600	6081	4986
2800	6548	5369
3000	7016	5753

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	5012	4110
1200	6014	4931
1400	7017	5754
1600	8019	6576
1800	9022	7398
2000	10024	8220
2200	11027	9042
2400	12029	9864
2600	13032	10686
2800	14034	11508
3000	15037	12330



MOUNTS for RT-12

A Pengo Exclusive! The Long Reach Mount for Skid Steer provides maximum ground clearance of 7' to 11' and increased height capability.

Pengo offers a complete excavator mounting systems for the RT-12 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Universal Long Reach

LBS | 361

PN | 661318

Universal Mount

LBS | 201

PN | 661111



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

Custom mounts can be designed for specific applications.



Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RT-20 ANCHOR DRIVE



TWO SPEED DRIVE UNIT | PN 610060

used for anchor installation



EXCAVATOR SIZE

12T - 20T

CONNECTIONS

HEX **3"**

WEIGHT

LBS | 855

NOT RECOMMENDED
FOR DRILLING

TRULINK TORQUE PIN

RT-20 is outfitted to fit these
TruLink® Torque Monitor Systems.



TruLink 2.0 Class 1 with
7" Display
PN | 615070

Kits include Pin, Displays, Anti-Rotation
Block, Mount, Cable and Stylus.



When the job calls for larger anchor installation using a backhoe or excavator turn to the RT-20. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow.

HYDRAULIC MOTOR INFORMATION

Displacement	11.9 cu/in (195cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	60.56:1
Output Shaft	3 1/2" Hex
Internal Oil Capacity	3.0 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	45,000

RT-20 ANCHOR DRIVE



2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	5	10
30 (113)	8	15
40 (151)	10	20
50 (190)	13	25

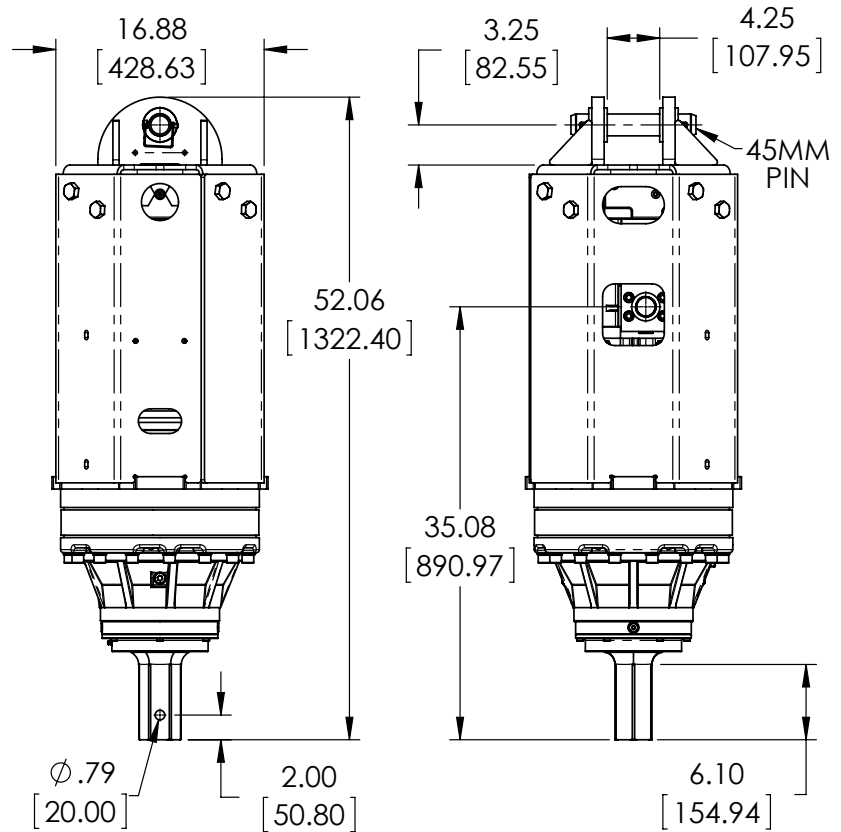
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	4781	3777
1200	5737	4532
1400	6693	5287
1600	7649	6043
1800	8605	6798
2000	9562	7554
2200	10518	8309
2400	11474	9064
2600	12430	9820
2800	13386	10575
3000	14343	11331

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	9562	7554
1200	11474	9064
1400	13386	10575
1600	15299	12086
1800	17211	13597
2000	19124	15108
2200	21036	16618
2400	22948	18129
2600	24861	19640
2800	26773	21151
3000	28686	22662



LOW TORQUE/HIGH SPEED OUTPUT

HIGH TORQUE/LOW SPEED OUTPUT

MOUNTS for RT-20

Pengo offers a complete excavator mounting systems for the RT-20 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

45MM Pin

LBS | 7

PN | 660558

45MM Link Arm

LBS | 46

PN | 660555

3" Hex Drive Tool

LBS | 35

PN | 158137

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RT-30 ANCHOR DRIVE

VARIABLE SPEED DRIVE UNIT | PN 610061

used for anchor installation



EXCAVATOR SIZE

15T - 25T

CONNECTIONS

SQUARE
4"

WEIGHT

LBS | 1220

NOT RECOMMENDED
FOR DRILLING

TRULINK TORQUE PIN

RT-30 is outfitted to fit these TruLink® Torque Monitor Systems.



TruLink 2.0 Class 2 with 7" Display
PN | 615071

Kits include Pin, Displays, Anti-Rotation Block, Mount, Cable and Stylus.



Use The RT-30 Anchor drive for larger projects with an excavator. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow.

HYDRAULIC MOTOR INFORMATION

Displacement	13.9 cu/in (195cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	69.7:1
Output Shaft	4" Square
Internal Oil Capacity	3.1 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	60,000

RT-30 ANCHOR DRIVE



2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	4	8
30 (113)	6	11
40 (151)	8	15
50 (190)	9	19

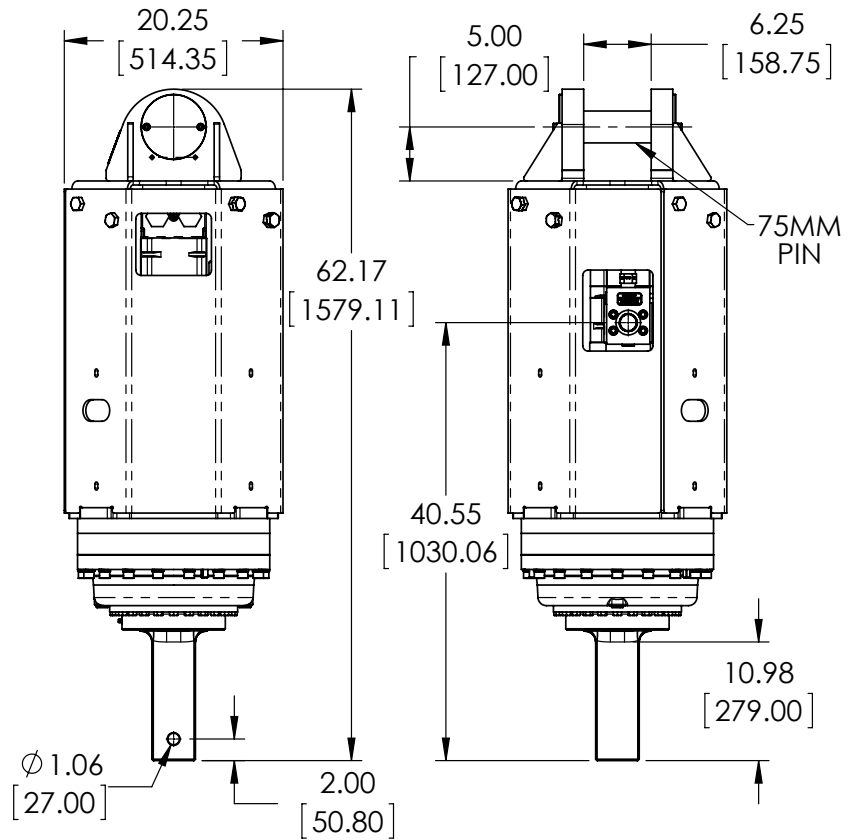
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	6428	5078
1200	7713	6093
1400	8999	7109
1600	10285	8125
1800	11570	9140
2000	12856	10156
2200	14141	11171
2400	15427	12187
2600	16713	13203
2800	17998	14218
3000	19284	15234

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	12856	10156
1200	15427	12187
1400	17998	14210
1600	20570	16250
1800	23141	18281
2000	25712	20312
2200	28283	22344
2400	30855	24375
2600	33426	26407
2800	35997	28438
3000	38569	30470



MOUNTS for RT-30

Pengo offers a complete excavator mounting systems for the RT-30 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



75MM Pin

LBS | 10

PN | 660554

75MM Link Arm

LBS | 137

PN | 610202

4" Square Drive Tool

LBS | 35

PN | 660951

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

RT-40 ANCHOR DRIVE

TWO SPEED DRIVE UNIT | PN 610480

used for anchor installation



EXCAVATOR SIZE

15T - 25T

CONNECTIONS

SQUARE
130MM

WEIGHT

LBS | 1440

NOT RECOMMENDED
FOR DRILLING

TRULINK TORQUE PIN

RT-40 is outfitted to fit these
TruLink® Torque Monitor Systems.



TruLink 2.0 Class 2 with
7" Display
PN | 615071

Kits include Pin, Displays, Anti-Rotation
Block, Mount, Cable and Stylus.



HYDRAULIC MOTOR INFORMATION

Displacement	15.8 cu/in (195cc)
Motor Type	Two Speed Bi-Directional
Motor Output Shaft	1 1/4" Spline 14T
Motor Mount	SAE - C 4 Bolt
Motor Ports	1 5/8" - 12-UN-2B
Cross Over Pressure Relief	Set at 3100 PSI

PLANETARY GEARBOX INFORMATION

Gearbox Type	Planetary Three Stage
Reduction Ratio	83.78:1
Output Shaft	130mm Square
Internal Oil Capacity	4 Gallons
Oil Type	SAE 80W90 GL-5
Shaft Pull Out (lbs.)	60,000

The RT-40 Anchor drive is perfect for the larger anchor installation projects when using an excavator. The auto shift feature allows the drive to automatically shift between high speed and low torque and low speed high torque depending on the input flow.

RT-40 ANCHOR DRIVE



2-Speed Models must have a minimum of 20GPM

REFERENCE SPEED CHART

Flow GPM (Liter)	Low (rpm)	High (rpm)
20 (75)	3	6
30 (113)	4	9
40 (151)	6	12
50 (190)	7	15

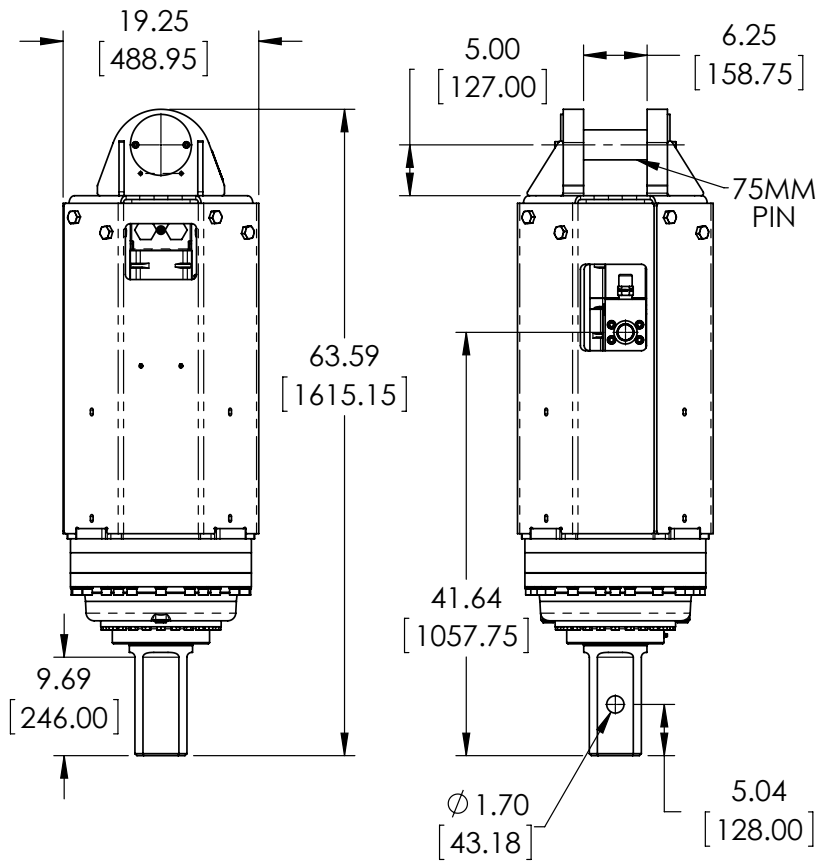
REFERENCE TORQUE CHART (LT / HS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	7726	6104
1200	9272	4325
1400	10817	8545
1600	12362	9766
1800	13908	10987
2000	15453	12208
2200	16998	13428
2400	18544	14650
2600	20089	15870
2800	21634	17091
3000	23180	18312

Note that both theoretical and actual torque values are listed, but that Pengo recommends to go by ACTUAL torque listings.

REFERENCE TORQUE CHART (HT / LS)

Pressure (psi)	THEORETICAL Torque (ft/lb)	ACTUAL Torque (ft/lb)
1000	17664	13955
1200	21197	16746
1400	24730	19537
1600	28263	22328
1800	31796	25119
2000	35329	279100
2200	38862	30701
2400	42395	33492
2600	45928	36283
2800	49461	39074
3000	52994	41865



MOUNTS for RT-40

Pengo offers a complete excavator mounting systems for the RT-40 unit. These mounts can be mounted directly to the stick or designed to work with an existing quick coupler.

Custom mounts can be designed for specific applications.



Excavator Mounts allow for maximum movement to ensure the Drive always hangs true to the ground.

75MM Pin

LBS | 10

PN | 660554

75MM Link Arm

LBS | 137

PN | 610202

130MM SQ Drive Tool

LBS | 35

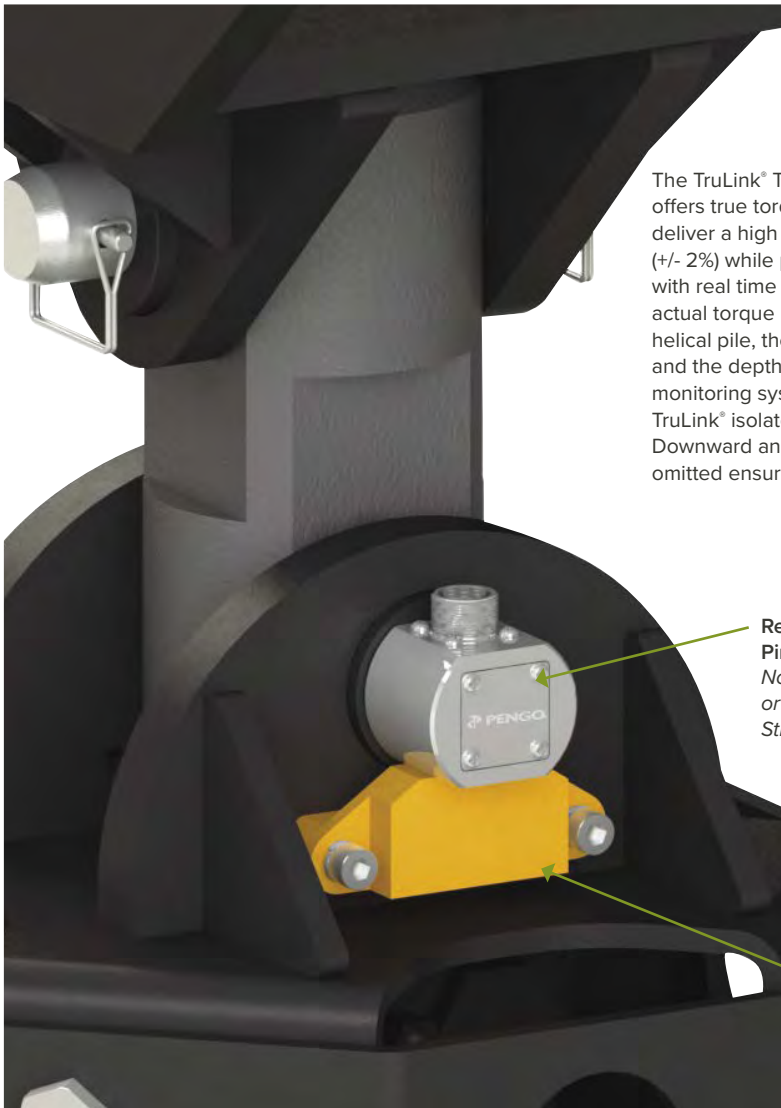
PN | 610301

Pengo lists output speeds at both theoretical and actual. Actual torque numbers are NOT listed at 100% efficiency. Maximum efficiencies have been applied to the torque and speed charts according to the manufacturer's recommendations. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. When the purchaser is determining criteria for specific applications please contact Pengo. Pengo has made every attempt to present accurate and suitable information published in this document. This document should be used for information and comparative purposes only. When application-specific information is required, please contact Pengo.

TRULINK® TORQUE SYSTEM



The TruLink® Torque Pin and Monitor System Offers One-Of-A-Kind Performance and Technology!



The TruLink® Torque Monitor system offers true torque readings that deliver a high degree of accuracy (+/- 2%) while providing the operator with real time data. TruLink® records actual torque being applied to the helical pile, the installation angle and the depth. Unlike other torque monitoring systems available, TruLink® isolates torque values only. Downward and side load forces are omitted ensuring the data is clean.

Replaces Connection Pin
No Added Weight
or Height or Loss of
Stroke

Includes
Anti-Rotation Block
for reliability
and accuracy.

- **Hard Wired Connection**
Eliminates Interference and Signal Issues Encountered with Wireless Systems
- **Strain Gage Technology**
Not "Inferred" or Calculated as With Hydraulic Systems
- **Downward Force Omitted**
Force is omitted with patented technology that isolates only the torque values

- **Built-in Inclinometer**
Allows Operator to Maintain a Consistent Angle of Insertion
- **Installation Data Recorded**
No Laptop Required to Extract Data
- **Ability to Chart and Record Depth for Each Pile**

TruLink 2.0 with 7" Touch Screen Display

The user interface has been updated for 2017 with the introduction of a 7" color touch tablet. The tablet uses the latest Windows operating system and is embedded within a rugged ABS housing designed to an IP67 protection rating.

All systems come standard with the 7" tablet.



TRULINK® Models

TruLink® Class 1	TruLink® Class 2
Pin Dia 45mm	Pin Dia 75mm
LBS 24	LBS 44
PN 615070	PN 615071
MAX TORQUE 22500 ft/lb	MAX TORQUE 70000 ft/lb

TruLink® Class 3	TruLink® Class 4
Pin Dia 3.96"	Pin Dia 4.50"
LBS 70	LBS 90
PN 615072	PN 615073
MAX TORQUE 150000 ft/lb	MAX TORQUE 300000 ft/lb

TRULINK® Accessories

Don't have a Revolutions Series Drive? No problem! Pengo offers two sizes of ear kits so that you may adapt your current drive unit to operate the the TruLink® Torque system.



TruLink® Class 1 Ear Kit
LBS
PN 610683



TruLink® Class 2 Ear Kit
LBS
PN 610688

END OF STICK MOUNTS

Pengo's new patented EOS (End of Stick) auger drive mounts are fully adjustable to fit multiple excavator makes and models. Common bushing sizes are shown in the charts below. The EOS mount is available in two models, 8K and 16K. The EOS-8K mount is designed for drive units developing 8,000 ft/lbs of torque, and the EOS-16K mount is designed for drive units developing 16,000 ft/lbs of torque.

US Patent #9,926,685

EOS-8K

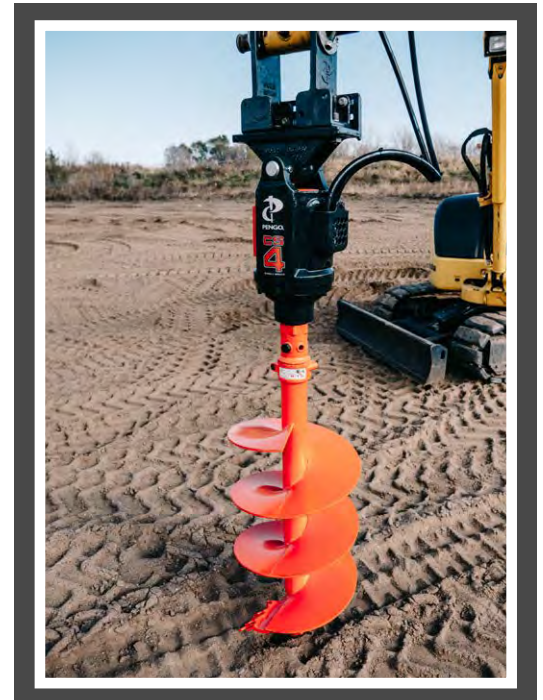
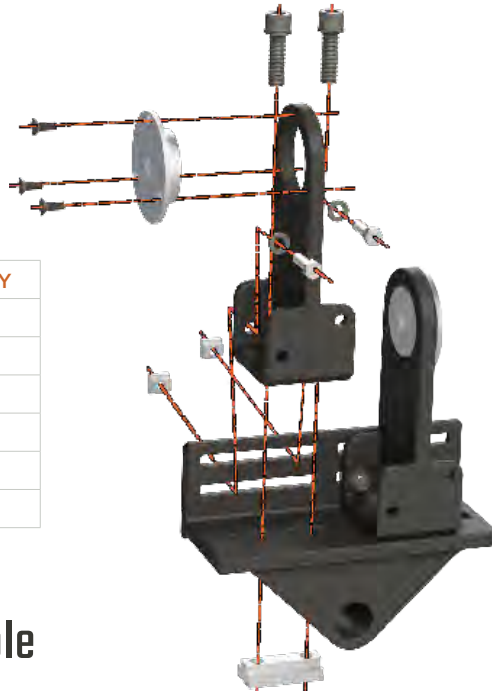
LBS | 68

PN | 610826

TOP EAR BUSHINGS*

FOR PIN SIZE	PART NO.	QTY
.943" [24mm]	610918	2
.98" [25mm]	610996	2
1.18" [30mm]	610997	2
1.50" [38mm]	610998	2
1.77" [45mm]	611000	2
1.97" [50mm]	610999	2

*NOT INCLUDED. SOLD SEPARATELY.



Compact & Adjustable

EOS-16K

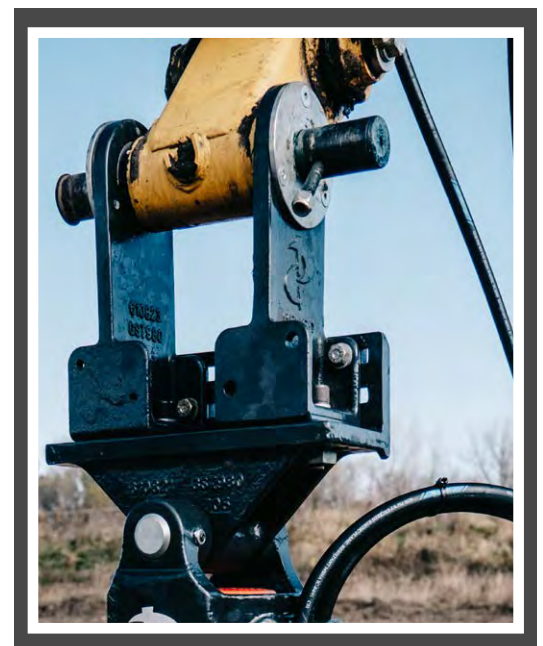
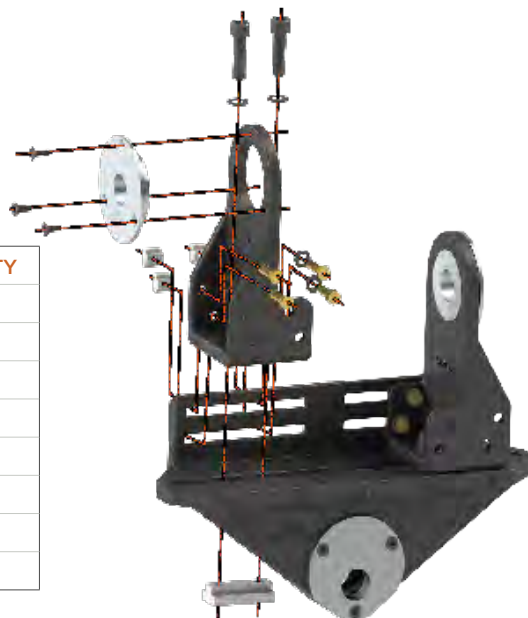
LBS | 150

PN | 661940

TOP EAR BUSHINGS*

FOR PIN SIZE	PART NO.	QTY
1.77" [45mm]	661939	2
1.97" [50mm]	662275	2
2.17" [55mm]	662276	2
2.36" [60mm]	662277	2
2.56" [65mm]	662278	2
2.76" [70mm]	662279	2
3.15" [80mm]	662280	2
3.54" [90mm]	662281	2

*NOT INCLUDED. SOLD SEPARATELY.



REVOLUTION® MOUNTS

Looking for a mounting plate for your skid steer unit? Look no further. Pengo offers two styles of universal skid steer mounts. The standard mount is ideal for smaller units and when needing to maximize ground clearance choose the Long Reach mount. Both mounts attach easily to the skid steer and will accommodate both Pengo and non-Pengo drive units.

LONG REACH MOUNT

Attachment Plate connects to the mounting plate on the front of the skid loader. The link arm connects to both the attachment plate and the drive unit with the supplied connection pins.

Boom Provides 7' to 11' →
Maximum Ground Clearance
Clearance varies based on which
drive unit is being used.

← Unique Design
Optimizes the Operators
Visibility
Drive is Positioned up
to 48" from front of skid
loader.

← Easily Store
Mount and Drive Unit
Free-standing mount.
Drive Unit Sold Separately.

Standard Retractable
Stabilizer Arms
Allows the drive
attachment to stand
upright when not in use.

Universal
Long Reach

LBS | 361

PN | 661318

UNIVERSAL SKID STEER MOUNT

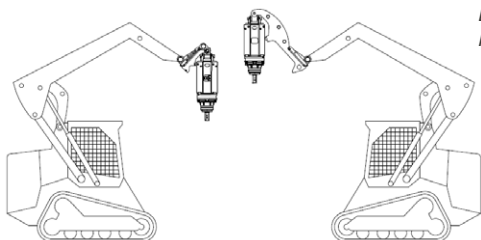
Attachment Plate connects to the mounting plate on the front of the skid loader. The link arm connects to both the attachment plate and the drive unit with the supplied connection pins.

Universal Mount

LBS | 201

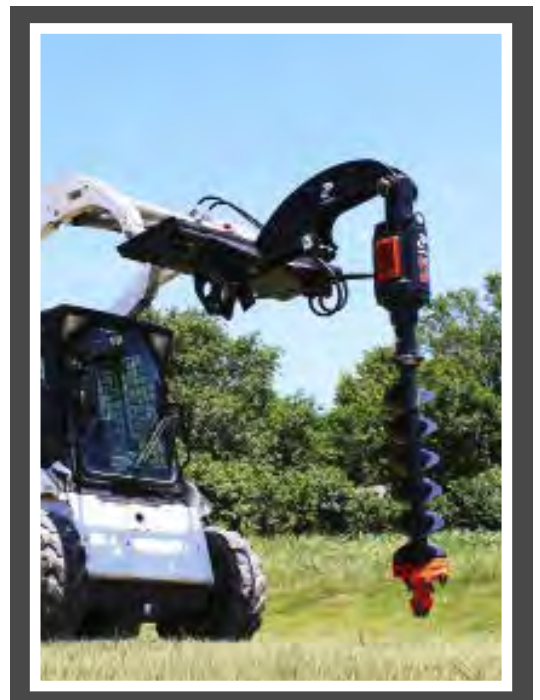
PN | 661111

← Ideal for Smaller
Drive Units
DS-2, DS-3 and RS-7
Recommended



Skid Steer with
Standard Mount

Skid Steer with Long
Reach Mount

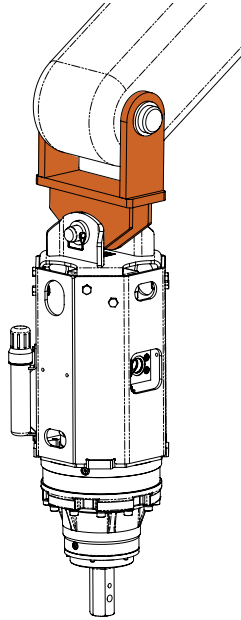
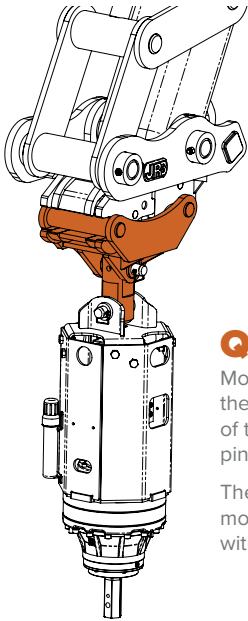


REVOLUTION® MOUNTS

END OF STICK

Mounting Bracket connects directly to the boom with customer-supplied connection pin.

The drive unit connects to the mounting bracket with supplied connection pin.



Pin the Mounting Bracket Directly to Boom of Prime Mover →

Link Arms Are Not Used With This Mount →



← For Use on Excavator or Backhoe

QUICK COUPLER

Mounting Bracket connects to the quick coupler when the jaws of the quick coupler engage the pins.

The link arm connects to both the mounting bracket and drive unit with supplied connection pins.



← Refers to Connection at the End of The Boom Equipment

Allows for Connection to Attachment from Operator's Cab, "Automatic Connection" →



← Requires Link Arm and Two Connection Pins



← For Use on Excavator or Backhoe



Pengo offers a complete mounting system for all sizes of excavators. These can be mounted directly to the boom or designed to work with an existing quick coupler. Excavator mounts allow for maximum movement to ensure the drive always hangs true to the ground. Pengo's mounts are available for the entire range of Revolution Series Drive Units.

Custom mounts can be designed for specific applications.

REVOLUTION[®] WARRANTY

PENGO DRIVES LIMITED WARRANTY

NOTE: Pengo Drives are not warranted for DTH applications. The DTH application will cause issues with the shaft and hydraulic motor.

All new Pengo products are warranted to be free from defects in material and workmanship, which may cause failure under normal usage and service when used for the purpose intended.

Pengo warrants its gearbox for a period of twenty-four (24) months and twelve (12) months on the Hydraulic Motor Dating from the delivery to the original user. The Pengo warranty covers faulty workmanship and defective parts manufactured by Pengo. The warranty does not extend to transportation cost of parts nor does it cover consequential loss, damage to Hydraulic Hoses or ground engaging parts such as Sprockets, Digging Chain, Bearings and Teeth.

Pengo Equipment must be operated in accordance with the recommended procedures and within the ranges as specified both on the Unit and contained in the Operating Manual.

Any claims under this warranty must be made within fourteen (14) days after the buyer learns of the facts upon which claim is based. All claims not made in writing and not received by Pengo within the time specified above may be deemed waived. Serial Number must accompany all claims.

Pengo will not be responsible for or accept any charges for work carried out by any repairs, or for any charges for any spare parts fitted to any Pengo products without written approval from Pengo.

This warranty is void if field repairs have been made to the hydraulic motors, gearboxes, and controls without written approval. The complete unit must be available for inspection in it's original but alleged failed condition.

Pengo's liability for any and all losses and damages to buyer resulting from any cause whatsoever, including Pengo negligence irrespective of whether such defects are discoverable or latent, shall in no event exceed the purchase price of the particular parts, with respect to which losses or damages are claimed, or, at the discretion of Pengo the repair or replacement of defective or damaged parts.

Any goods returned to Pengo by the customer under Warranty or repair must have all freight charges prepaid for on the customer's Account.

RETURNS AND CLAIMS

1. Pengo reserves the right to determine whether products claimed to be defective shall be inspected by our personnel in the field or returned to the factory. If judged by Pengo to be defective in material or workmanship, the product will be replaced or a credit issued at the option of Pengo.
2. Upon notification of defect, Pengo's Inside Sales Department will issue a Return Goods Authorization number (RGA). All returns for replacement or credit MUST be accompanied by a RGA number. Products returned without a RGA number will be rejected and returned to the sender freight collect.
3. All returns must be shipped "prepaid". Products shipped "collect" will be refused. Proof of purchase such as invoice number must accompany returns.
4. Slow moving dealer inventory may be returned once per calendar year. The net value cannot exceed 5% of the previous year's purchases. A 20% re-stocking charge will apply to the net value or returned products. All returns must be of current manufacture and in un-used condition. Rusty or custom painted products will not be accepted for return.

REVOLUTION SERIES DRIVES

REVOLUTION SERIES DRIVES

**PERFORMANCE.
PARTNERSHIP.
SELECTION.**



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