

## JTV Series Miter Gearbox



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## General Information

### **Gearbox Features**

- \* Cubic shape gearbox
- \* Used in pairs spiral bevel gear unit to transmit rotary motion, mechanical power and torque
- \* Transmission efficiency up to 98%
- \* 6 gearboxes models JTV65, JTV90, JTV120, JTV160, JTV200, JTV260
- \* Universal mounting positions, can be easily mounted in any direction
- \* Gear ratio 1:1, 1.5:1, 2:1, 3:1, 4:1, 5:1
- \* Power rating from 0.1Kw to 157kW
- \* Torque rating from 11.9Nm to 1841Nm
- \* Design life is 10000 hours

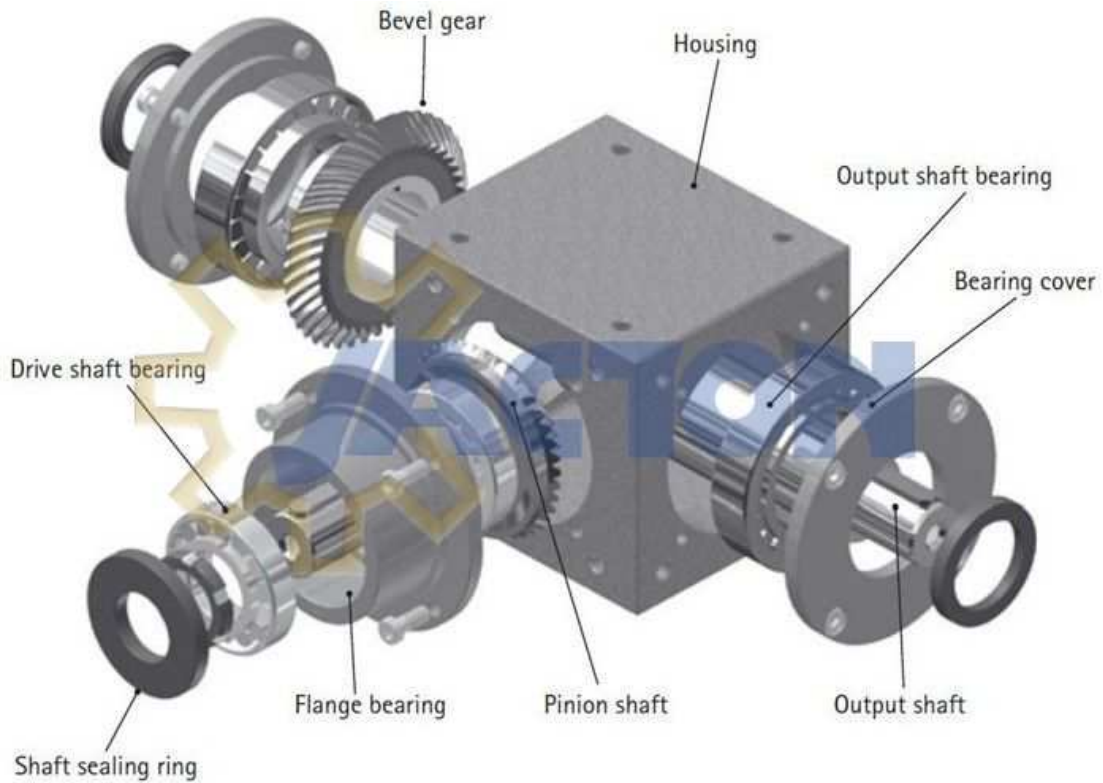
### **Shaft Configurations**

- \* 2 way, 3 way and 4 way
- \* Solid shaft or hollow shaft
- \* Motor adapter to bolt an IEC motor
- \* 10,000 hours lifespan for all gearbox sizes
- \* Input speed up to 1500Rpm
- \* Breather or vents available for high speed required

### **Gearboxes Advantages**

- \* Gearbox with low backlash
- \* Quiet running, when 1500Rpm, at 1meter distance, noise level less than 80dB
- \* Normal temperature, when 1500Rpm, temperature less than 50 deg. C
- \* Lubricants prior to shipment
- \* All miter gearboxes are factory tested prior to shipment
- \* Detailed 2D autocad drawing final confirmed before placing an order to us
- \* Small order quantities is acceptable
- \* Fast delivery time of standard models gearboxes, OEM & ODM are acceptable

## Configurations



### **Bevel Gear**

High purity rugged alloy steel 20CrMnTiH material  
 Carburizing process, case hardened and lapped in pairs for intersecting shafts  
 Low noise with grinded spiral teeth  
 High torque with milled teeth  
 High rigidity and wear resistance

### **Pinion Shaft and Output Shaft**

Hardened and tempered alloy steel 40Cr material  
 Hanging heavy load capacity  
 With key and keyway  
 Customized stainless steel, chromium coated or other corrosion resistance painting  
 Customized spline shaft, shaft without key and keyway

### **Housing**

High rigidity cast iron  
 Customized stainless steel, galvanic coating or other corrosion resistance painting

### **Bearing**

Heavy duty tapered roller bearing  
 Customized reinforced bearings for higher radial and axial load

### **Oil Seal**

Double lip oil seal  
 Prevent gear oil leak and dustproof

## Specifications

### JTV65 Specifications

Ratio		1:1		1.5:1			2:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	1500	11.91	1.87	1000	11.56	1.21	750	11.59	0.91
1000	1000	12.61	1.32	667	12.61	0.88	500	12.61	0.66
750	750	13.62	1.07	500	13.75	0.72	375	13.75	0.54
500	500	15.85	0.83	333	15.76	0.55	250	15.66	0.41
250	250	17.95	0.47	167	17.76	0.31	125	17.57	0.23
50	50	19.10	0.10	33	20.06	0.07	25	19.10	0.05

### JTV90 Specifications

Ratio		1:1		1.5:1			2:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	1500	33.68	5.29	1000	30.56	3.2	750	28.40	2.23
1000	1000	35.81	3.75	667	33.66	2.35	500	32.66	1.71
750	750	38.96	3.06	500	36.86	1.93	375	33.62	1.32
500	500	42.02	2.2	333	38.96	1.36	250	35.91	0.94
250	250	46.22	1.21	167	42.40	0.74	125	38.20	0.5
50	50	53.48	0.28	33	45.84	0.16	25	38.20	0.1

Ratio		3:1		4:1			5:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	500	28.46	1.49	375	28.52	1.12	300	28.33	0.89
1000	333	32.66	1.14	250	32.47	0.85	200	32.47	0.68
750	250	33.62	0.88	187.5	33.62	0.66	150	33.74	0.53
500	167	36.10	0.63	125	35.91	0.47	100	35.34	0.37
250	83	37.82	0.33	62.5	38.20	0.25	50	38.20	0.2
50	17	40.11	0.07	12.5	38.20	0.05	10	38.20	0.04

### JTV120 Specifications

Ratio		1:1		1.5:1			2:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	1500	86.33	13.56	1000	82.13	8.6	750	76.78	6.03
1000	1000	96.84	10.14	667	90.53	6.32	500	85.19	4.46
750	750	108.36	8.51	500	98.94	5.18	375	90.41	3.55
500	500	121.09	6.34	333	110.30	3.85	250	97.03	2.54
250	250	129.50	3.39	167	114.03	1.99	125	103.14	1.35
50	50	137.52	0.72	33	117.47	0.41	25	110.78	0.29

Ratio		3:1		4:1			5:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	500	77.93	4.08	375	77.93	3.06	300	75.76	2.38
1000	333	86.24	3.01	250	83.28	2.18	200	84.04	1.76
750	250	91.68	2.4	187.5	86.08	1.69	150	90.41	1.42
500	167	95.12	1.66	125	88.62	1.16	100	93.59	0.98
250	83	99.70	0.87	62.5	91.68	0.6	50	97.41	0.51
50	17	120.33	0.21	12.5	91.68	0.12	10	95.50	0.1



### JTV160 Specifications

Ratio	1:1			1.5:1			2:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	1500	273.70	42.99	1000	265.30	27.78	750	257.85	20.25
1000	1000	305.22	31.96	667	294.95	20.59	500	284.21	14.88
750	750	326.36	25.63	500	310.57	16.26	375	294.65	11.57
500	500	347.43	18.19	333	331.19	11.56	250	315.91	8.27
250	250	368.25	9.64	167	347.81	6.07	125	336.92	4.41
50	50	399.19	2.09	33	369.59	1.29	25	374.36	0.98
Ratio	3:1			4:1			5:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	500	242.19	12.68	375	231.49	9.09	300	226.34	7.11
1000	333	257.56	8.99	250	252.50	6.61	200	236.84	4.96
750	250	263.20	6.89	187.5	263.33	5.17	150	252.76	3.97
500	167	274.47	4.79	125	273.51	3.58	100	263.58	2.76
250	83	293.38	2.56	62.5	284.21	1.86	50	284.59	1.49
50	17	326.61	0.57	12.5	297.96	0.39	10	305.60	0.32

### JTV200 Specifications

Ratio	1:1			1.5:1			2:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	1500	473.68	74.4	1000	460.02	48.17	750	447.32	35.13
1000	1000	536.81	56.21	667	531.89	37.13	500	526.40	27.56
750	750	584.21	45.88	500	578.92	30.31	375	568.42	22.32
500	500	652.65	34.17	333	646.63	22.57	250	642.14	16.81
250	250	747.19	19.56	167	727.71	12.7	125	715.87	9.37
50	50	788.83	4.13	33	782.15	2.73	25	790.74	2.07
Ratio	3:1			4:1			5:1		
Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
1500	500	542.06	28.38	375	479.03	18.81	300	400.15	12.57
1000	333	583.60	20.37	250	510.35	13.36	200	442.17	9.26
750	250	610.44	15.98	187.5	536.84	10.54	150	462.86	7.27
500	167	632.59	11.04	125	552.37	7.23	100	494.69	5.18
250	83	660.10	5.76	62.5	579.11	3.79	50	530.98	2.78
50	17	739.17	1.29	12.5	611.20	0.8	10	553.90	0.58



### JTV260 Specifications

Ratio	1:1			1.5:1			2:1			
	Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
	1500	1500	1000.01	157.07	1000	999.98	104.71	750	999.95	78.53
	1000	1000	1105.22	115.73	667	1105.75	77.19	500	1105.32	57.87
	750	750	1231.57	96.72	500	1231.57	64.48	375	1231.57	48.36
	500	500	1389.53	72.75	333	1367.18	47.72	250	1347.31	35.27
	250	250	1621.21	42.44	167	1571.74	27.43	125	1537.17	20.12
	50	50	1841.24	9.64	33	1770.57	6.18	25	1738.10	4.55
Ratio	3:1			4:1			5:1			
	Input rpm	Output rpm	Nm	Kw	Output rpm	Nm	Kw	Output rpm	Nm	Kw
	1500	500	947.36	49.6	375	947.36	37.2	300	926.35	29.1
	1000	333	1041.14	36.34	250	1105.13	28.93	200	1041.91	21.82
	750	250	1105.13	28.93	187.5	1157.71	22.73	150	1158.10	18.19
	500	167	1170.64	20.43	125	1242.26	16.26	100	1263.47	13.23
	250	83	1278.94	11.16	62.5	1315.61	8.61	50	1358.01	7.11
	50	17	1461.15	2.55	12.5	1390.48	1.82	10	1403.85	1.47

## Selection Guide

**JTV - 90 - 1:1 - 1500R - 1500R - B - B3**

1            2            3            4            5            6            7

### 1. Gearbox Series

**JT:** "Jacton" brand

**V:** V series miter gearbox

### 2. Model

Model	65	90	120
Gearbox Sizes	65x65x65 mm	90x90x90 mm	120x120x120 mm
Model	160	200	260
Gearbox Sizes	160x160x160 mm	200x200x200 mm	260x260x260 mm

Before selecting gearbox frame no., please check corresponding model's specifications

### 3. Gear Ratio

Model	65	90	120	160	200	260
Gear Ratio	1:1	1:1	1:1	1:1	1:1	1:1
	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
	2:1	2:1	2:1	2:1	2:1	2:1
		3:1	3:1	3:1	3:1	3:1
		4:1	4:1	4:1	4:1	4:1
		5:1	5:1	5:1	5:1	5:1

### 4 & 5. Input & Output RPM

Ratios	1:1	1.5:1	2:1	3:1	4:1	5:1
input Rpm	output Rpm	output Rpm	output Rpm	output Rpm	output Rpm	output Rpm
1500	1500	1000	750	500	375	300
1000	1000	667	500	333	250	200
750	750	500	375	250	187.5	150
500	500	333	250	167	125	100
250	250	167	125	83	62.5	50
50	50	33	25	17	12.5	10

### 6. Shaft Arrangements And Direction Of Shaft Rotating

**Note:** input shaft and output shafts can be rotated in both forward and reverse directions.

**A:** 2 way gearbox, input shaft clockwise rotation direction, right side output shaft anticlockwise rotation direction.

**B:** 2 way gearbox, input shaft clockwise rotation direction, right side output shaft clockwise rotation direction.

**C:** 2 way gearbox, input shaft clockwise rotation direction, left side output shaft clockwise rotation direction.

**D:** 2 way gearbox, input shaft clockwise rotation direction, left side output shaft anticlockwise rotation direction.

**E:** 3 way gearbox, input shaft clockwise rotation direction, two output shaft clockwise rotation direction.



**F:** 3 way gearbox, input shaft clockwise rotation direction, two output shaft anticlockwise rotation direction.

**G:** 3 way gearbox, input shaft clockwise rotation direction, left side output shaft anticlockwise rotation direction, inline output shaft anticlockwise rotation direction.

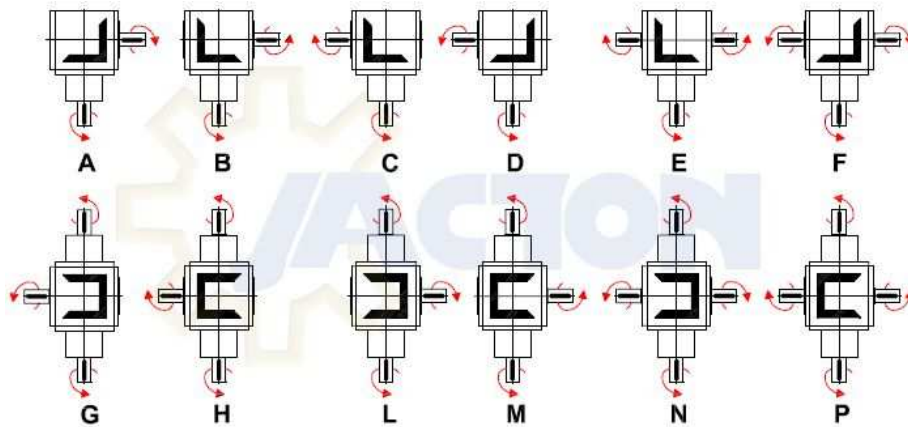
**H:** 3 way gearbox, input shaft clockwise rotation direction, left side output shaft clockwise rotation direction, inline output shaft anticlockwise rotation direction.

**L:** 3 way gearbox, input shaft clockwise rotation direction, right side output shaft anticlockwise rotation direction, inline output shaft anticlockwise rotation direction.

**M:** 3 way gearbox, input shaft clockwise rotation direction, right side output shaft clockwise rotation direction, inline output shaft anticlockwise rotation direction.

**N:** 4 way gearbox, input shaft clockwise rotation direction, inline output shaft anticlockwise, two output shaft anticlockwise rotation direction.

**P:** 4 way gearbox, input shaft clockwise rotation direction, inline output shaft anticlockwise, two output shaft clockwise rotation direction.

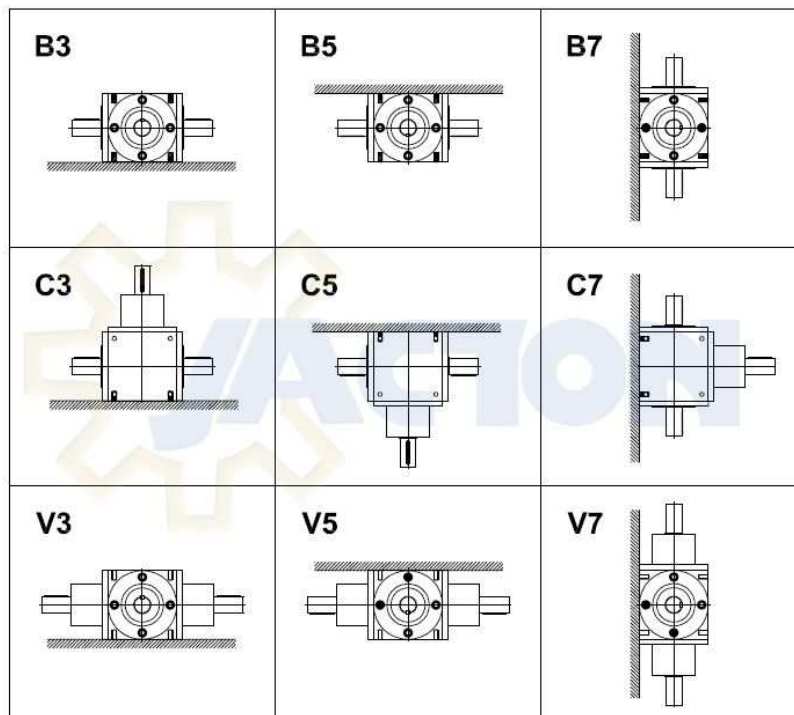


## 7. Mounting Position

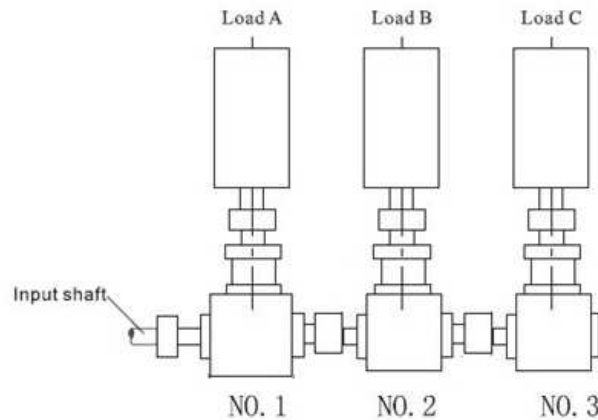
**B3, C3, V3:** horizontal mounting position

**B5, C5, V5:** overhung mounting position

**B5, C5, V5:** side wall mounting position



## Selection Examples



Load characteristics of each gearbox 50Nm, moderate load, working 8 hours/day continuously:

i.e: driven machine factor  $f_1=1.25$ , input speed=1000Rpm, ratio  $i=1:1$

Calculated with the following formula, the torque required by each gearbox is

Each gearbox required torque= $50 \times 1.25=62.5\text{Nm}$

### No.1 Gearbox:

No.1 gearbox carries its own torque of 62.5Nm and at the same time transmit torques to No.2 and No.3 gearboxes, so the total load is  $62.5\text{Nm}+62.5\text{Nm}+62.5\text{Nm}=187.5\text{Nm}$

Check above 6<sup>h</sup> page specifications, JTV160 gearbox is selected

### No.2 Gearbox:

Besides its own torque, No.2 gearbox has to transmit torque to No.3 gearbox, so the total load is:  $62.5\text{Nm}+62.5\text{Nm}=125\text{Nm}$

Check above 6<sup>h</sup> page specifications, JTV160 gearbox is selected

### No.3 Gearbox:

As only load C exists, torque large than 62.5Nm is acceptable.

Check above 5<sup>h</sup> page specifications, JTV120 gearbox is selected

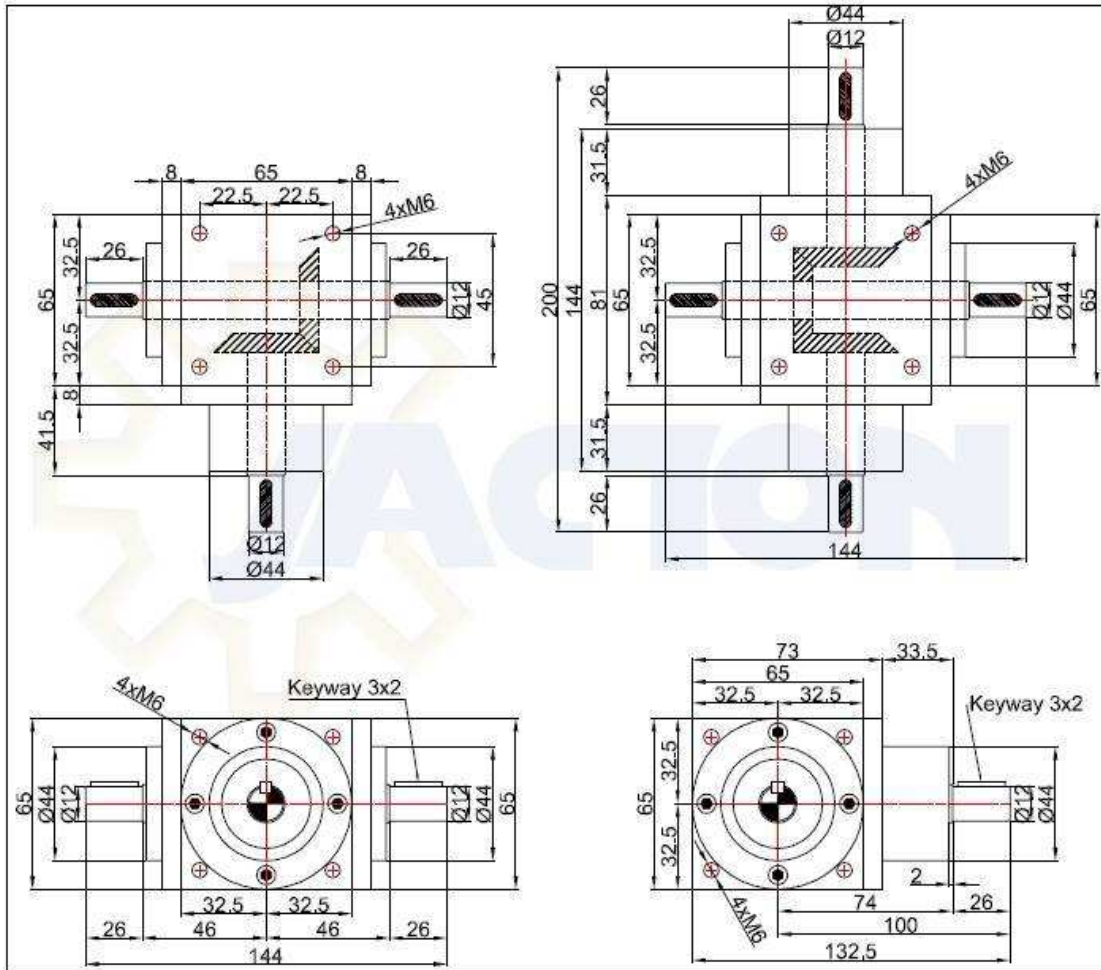
### Notes:

1. When  $i \neq 1$ , please make a choice of the input shaft. When pinion shaft acts as the input shaft, the machine is a gear reducer. When output shaft acts as the input shaft, it is an gear increaser. The positions of the two shafts can not be changed once the mounting positions and dimensions are fixed.

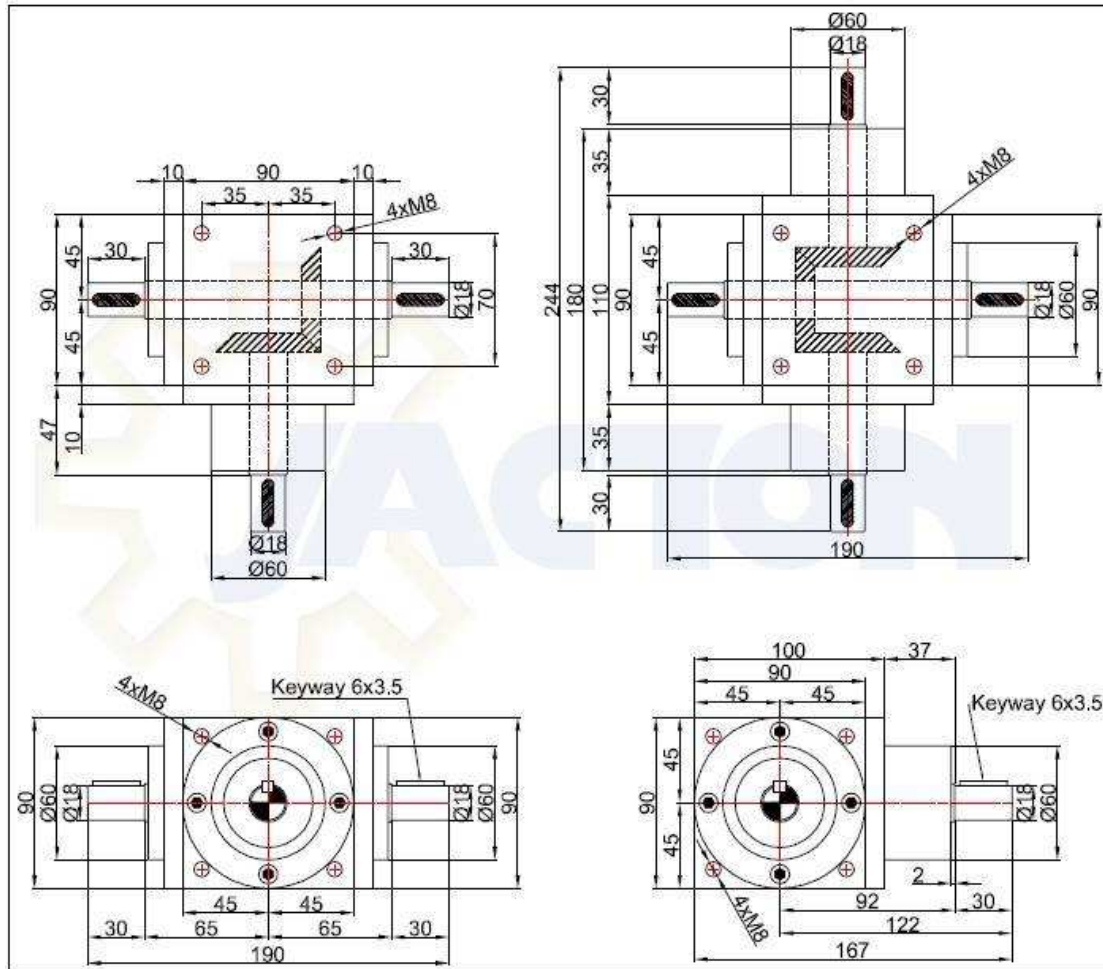
2. When several gearboxes are connected for output, load capacity of the line shafting should be checked.

## Dimensions

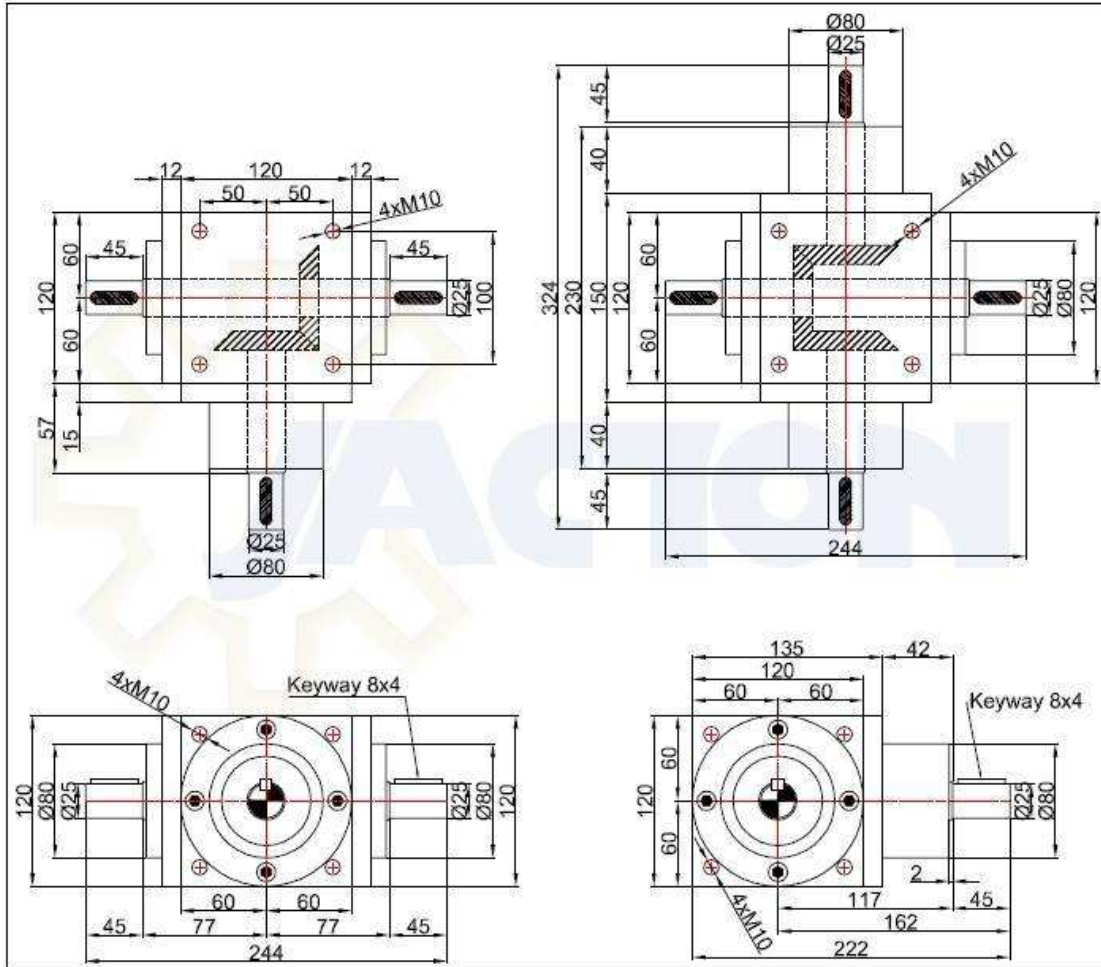
### Model JTV65 Dimensions



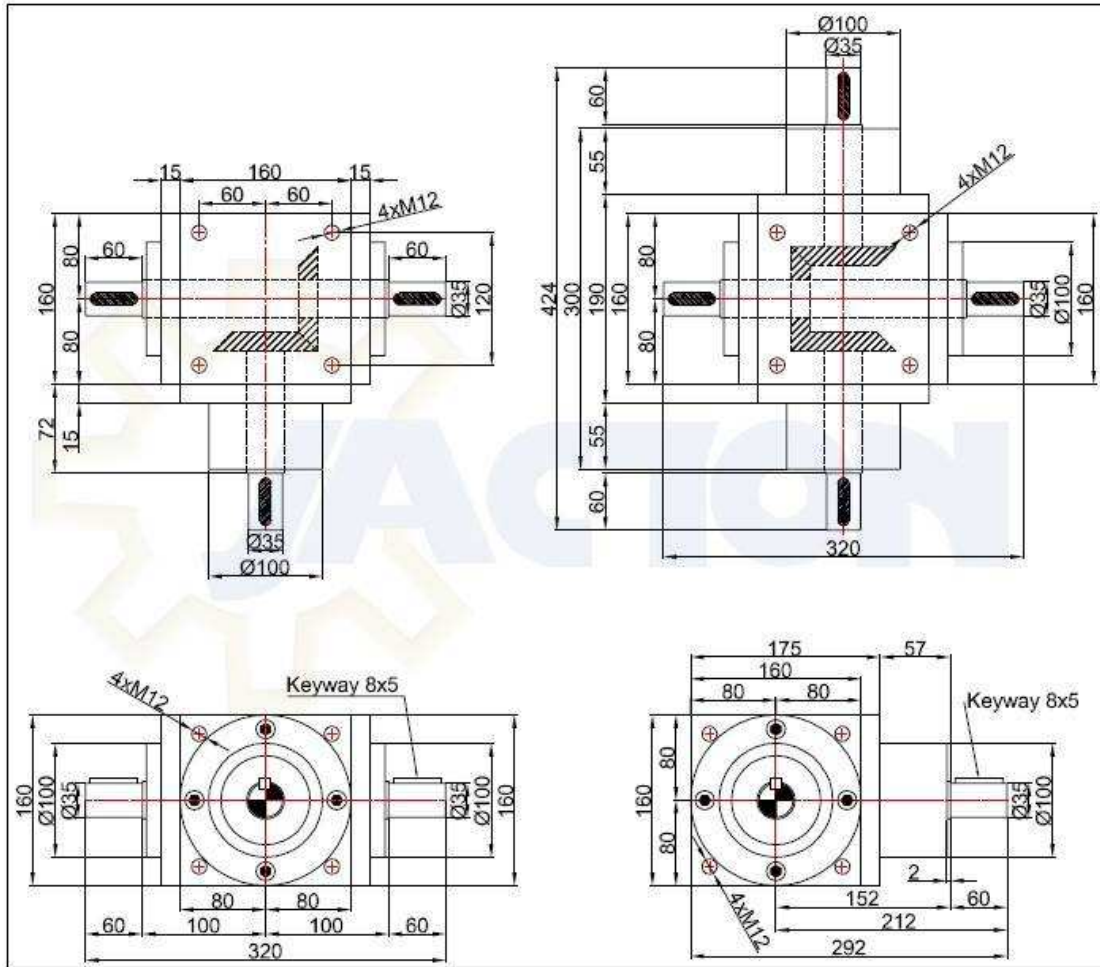
**Model JTV90 Dimensions**



**Model JTV120 Dimensions**



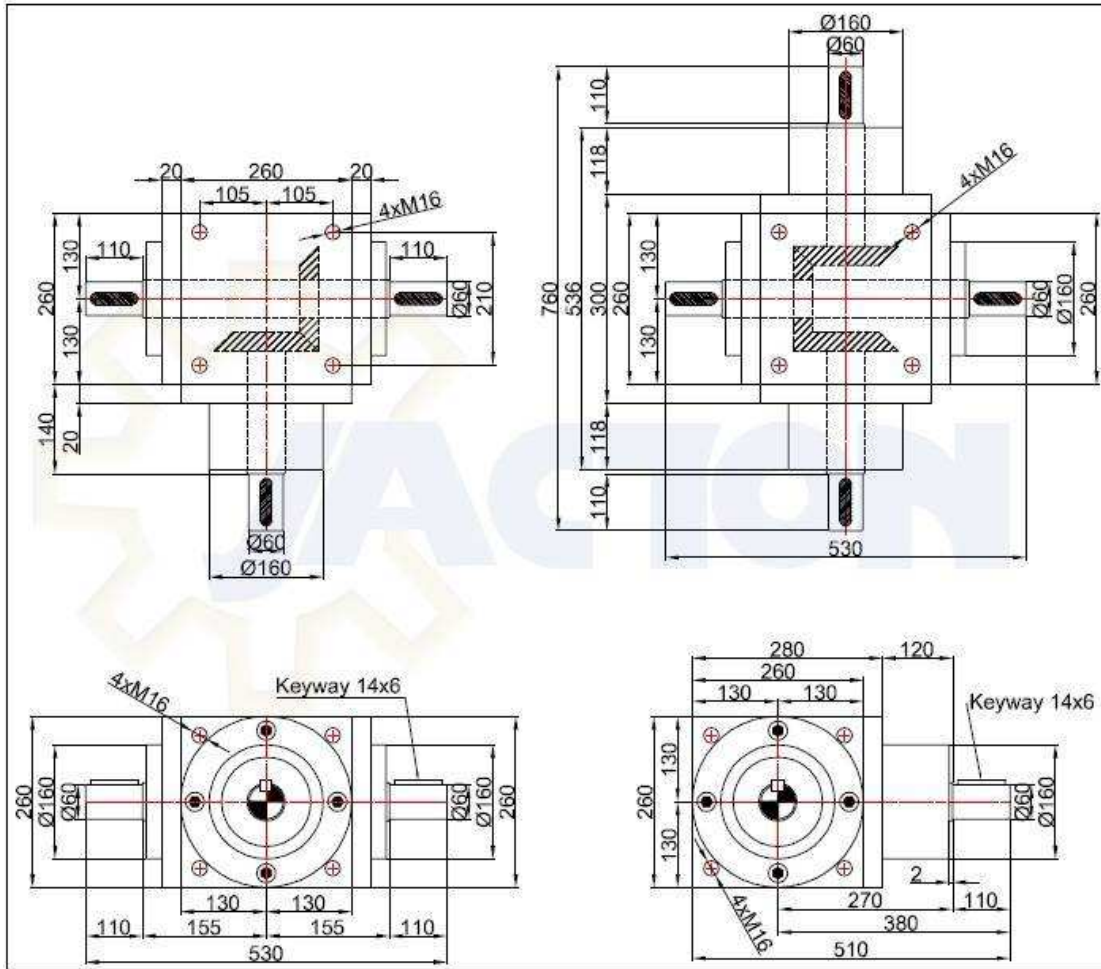
**Model JTV160 Dimensions**







**Model JTV260 Dimensions**



## Application Examples



JTV series miter gearbox is also widely application in grain bin anger, tiller, fans, hay baler, tub grinder, grain dryer, power rake, rock picker, food handling, stereo garage, amusement, packer, textile machine, food processing machine, diese engine drive water pump, rotary axis drive, vertical turbine water pump, lifting gear, crane installation, rolling mill, cable installation, conveyor drive and stranding machinery. Whatever your goal is to blend, blow, bottle, crank, cut, convey or the task is to press, propel or raise, JTV series miter gearbox is welcomed and ideal power transmission solution with all these industries.



## Operation Manual

Please read this entire document prior to operating the miter gearbox. Miter gearbox failure or injury to operators may be caused by improper installation, operation or maintenance.

### **Installation**

Miter gearboxes must be mounted on a rigid, structurally sound baseplate. Ensure that miter gearbox mounting pads rest evenly on the baseplate. The use of shims may be required to avoid housing distortion which could alter the gear mesh or cause premature bearing failure.

The miter gearbox may be driven by direct coupling, flexible coupling, or V-belt drive. Couplers should require only a light force to install. The driveline must be accurately aligned within the equipment manufacturer's requirements to limit operating loads and minimize thrust loads on the miter gearbox shaft. V-belt drives must be mounted close to the housing to minimize excessive overhung loading which could result in early bearing or shaft failures. Sheaves must fit correctly. At installation, a tight forced fit could move the shaft from its normal position and cause internal damage. A loose fit could induce excessive vibration during operation and cause shaft damage or breakage.

### **Warning**

When mounting the miter gearbox, the buyer is responsible to properly determine the quality or grade of fastener, thread engagement, load carrying capacity, and torque requirements.

### **Warning**

The buyer is responsible to provide protective shields over all external rotating parts, couplers, or shaft extensions mounted on or with the miter gearbox. Protective clothing must be worn when installing or maintaining the miter gearbox and operating system.

Initial operation should be carried out under no-load conditions. Before applying power to the miter gearbox installation, review the following:

1. Check tightness of mounting bolts.
2. Check for proper oil level in miter gearbox.
3. Be certain that tools, debris, etc., are clear from rotating parts.
4. Rotate shafts by hand. If they do not rotate freely, check for uneven mounting, coupling misalignment or excessive belt tension.

If all tests are satisfactory, make connections to shafts, ensure that all safety devices are in place, and begin operation.

### **Lubrication**

All miter gearboxes are factory tested prior to shipment. They include the correct amount of oil unless specified by the customer to be shipped dry. Shaft bearings are splash lubricated and partially submerged in oil when the miter gearbox is mounted horizontally. After installation, remove the dipstick and verify correct oil level. If no dipstick is provided, determine level by any appropriate method. In general, the oil level should be approximately half the depth of the miter gearbox (to the parting line) for horizontal mounting, or to the shaft centerlines, if mounted other than horizontally.

### **Caution**

Prior to operation, make sure the miter gearbox contains the correct amount of oil. If under-filled or over-filled, damage to the miter gearbox or injury to personnel may result.



### Approved Lubricants:

For miter gearboxes operating in an ambient temp of –20 Deg. C and +85 Deg. C

JTV series miter gearbox lubricant uses liquid gear oil. When low speed less than 100Rpm, optional grease lubricant

### Caution

Donot combine synthetic with non-synthetic oils in the miter gearbox.

### Maintenance

#### Warning

Disconnect power prior to any maintenance and do not bypass or inactivate any safety or protective device. Lock out and tag the power supply to prevent unexpected application of power.

Routinely inspect mounting bolts, couplers, or other power transmitting devices to ensure all parts are firmly anchored. Keep shafts and vent plugs (when included) clean to prevent foreign particles from entering seals or housing. Inspect daily for any oil leaks and any unusual noises. Inspect weekly for end play in shafts. Inspect belt drive tension after the first ten hours of operation and periodically thereafter.

Check the oil level every 24 hours of operation. In the beginning to change the oil when the miter gearbox has been in service for two weeks or 100 ~ 200 hours. Routine oil change intervals will vary for each particular installation depending on the severity of the environment. Normal changes should occur half ~ 1 year or 1000 ~ 2000 hours of operation. The longest life at continuous service will be realized when the oil temperature does not exceed +85 deg. C. For oil substitutions, or for high input speeds, contact Jacton engineers.

#### Warning

Donot change or add oil while the miter gearbox is running. Damage to the miter gearbox or injury to personnel may result. The miter gearbox housing, oil, plugs, and associated components may reach high temperatures and cause severe burns. Use extreme care when servicing the miter gearbox.

### Trouble Shooting

TROUBLE	PROBABLE	CAUSE REMEDY
Breather Leaking	<ol style="list-style-type: none"> <li>1. Incorrect oil level</li> <li>2. RPM too high</li> <li>3. Unit running hot</li> </ol>	<ol style="list-style-type: none"> <li>1. Check oil level</li> <li>2. Reduce RPM</li> <li>3. Provide additional cooling</li> </ol>
Unit Running Hot	<ol style="list-style-type: none"> <li>1. Incorrect oil level</li> <li>2. Inadequate air flow</li> <li>3. Excessive RPM or load</li> <li>4. Contaminated oil</li> <li>5. Failing bearings</li> </ol>	<ol style="list-style-type: none"> <li>1. Check oil level</li> <li>2. Provide additional cooling</li> <li>3. Change to synthetic oil</li> <li>4. Replace oil</li> <li>5. Replace bearings</li> </ol>
Unusual Noise	<ol style="list-style-type: none"> <li>1. Gear mesh changed</li> <li>2. Excessive external load</li> <li>3. Failing bearings or gears</li> </ol>	<ol style="list-style-type: none"> <li>1. Inspect driveline</li> <li>2. Inspect belt tension</li> <li>3. Replace bearings or gears</li> </ol>
Oil Leaking	<ol style="list-style-type: none"> <li>1. Failing seals</li> <li>2. Mating surfaces</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace seals</li> <li>2. Rebuild bevel gearbox</li> </ol>
Vibration	<ol style="list-style-type: none"> <li>1. Loose mounting bolts</li> <li>2. Loose couplers, pulleys</li> <li>3. Failing bearings or gears</li> <li>4. Driveline misalignment</li> </ol>	<ol style="list-style-type: none"> <li>1. Inspect / tighten</li> <li>2. Inspect / tighten</li> <li>3. Replace bearings or gears</li> <li>4. Correct misalignment</li> </ol>



## Frequently Asked Questions

### **How Do I Know Which Shaft Of Miter gearbox Is As Input Shaft?**

When using a 1:1 ratio gearbox ,it does not matter which shaft is used as the input shaft. Normally, X-shaft is input shaft, Y-shaft is output shaft. For other reduction gear ratios input shaft is same as 1:1 ratio gearbox, but for increasing gear ratios input shaft, which is Y-shaft is input shaft, X-shaft is output shaft.

### **Can I Use Miter gearbox As Speed Increaser?**

All miter gearbox can be used as speed increaser, by inputting on the output side of the gearbox, however it is important to check whether the miter gearbox can handle the power and speed. When using as an increaser, the input speed does not exceed the specifications recommended maximum speed. Special gearbox is available where the pinion can be put on the through shaft so that two output shaft increase the speed.

### **Are Miter gearboxes Supplied Filled With Gear Oil?**

Yes, all miter gearboxes are filled gear oil prior to shipment, customers can install them and use them directly. Note: for low speed applications (100 rpm input speed and below) miter gearboxes may be recommended to have grease lubrication.

### **How Often Should I Change Gear Oil In The Miter gearbox?**

Check the gear oil level every 24 hours of operation. In the beginning to change the gear oil when the miter gearbox has been in service for two weeks or 100 ~ 200 hours. Routine oil change intervals will vary for each particular installation depending on the severity of the environment. Normal changes should occur half ~ 1year or 1000 ~ 2000 hours of operation. The longest life at continuous service will be realized when the oil temperature does not exceed +85 deg. C. For oil substitutions, or for high input speeds, contact Jacton engineers.

### **How Transmission Efficiency Of Miter gearbox?**

The miter gearbox transmission efficiency up to 98%





## Company History

In 1997, Established Jacton Hardware Fabrication Plant, mainly processing kinds of hardware following customers requirements. Occupied 500 square meters.

In 2000, Established domestic sales department, started to develop local market, mainly processing gear transmission parts such as worm and worm gear, acme threads screw, square threads screw and acme lead screw nut. Meanwhile, sales also sell straight bevel gear and spiral bevel gears for customers.

In 2002, According to some regular customers of steel plants and machines manufacturers, which used Taiwan screw jacks and miter gearboxes, due to long delivery and high price, would affect the normal operations. Jacton Hardware Fabrication Plant started to processing JT acme screw jack and JT miter gearbox following above customers samples.

In 2003, Established engineering department, research and development others models of JT acme screw jack and JT miter gearbox, and draw some factory production drawings and local sales' customers drawing with 2d autocad software.

In 2005, According to local market demands, Jacton Hardware Fabrication Plant is committed to research and development JB/T8809-1998 standard JTW worm screw jack, JTM machine screw jack, JTB ball screw jack and JTP cubic body miter gearbox.

In 2006, Because of local markets fiercely competitive. Established Hongkong office-Jacton International Limited with own US dollars and EURO account. Established international sales department, focused on overseas markets. Meanwhile, "JACTON" as company only brand.

In 2008, According to intl sales market report, cubic body screw jacks and another type cubic body miter gearboxes are very popular in Europe and America markets. After managements meetings, we started to develop JTC cubic screw jack, JTS high speed bevel gear jack, JTV cubic body miter gearbox and JTA corrosion resistance aluminium body miter gearbox.

In 2009, Jacton Hardware Fabrication Plant extension, occupied 5000 square meters. Company improves the processes and products through technology investment, brings in advanced technology, production and testing equipment.

In 2010, Jacton Hardware Fabrication Plant Passed ISO9001:2008 quality management system, we are strictly implement the work flow of ISO9001:2008 certifications, which ensures oversea and local customers are satisfaction with our screw jacks and miter gearboxes and fast delivery time.

In 2012, In order to facilitating management, according to management decisions, sales department and design department moved to Taibao business building. Meanwhile, Jacton Hardware Fabrication Plant changed to be Dongguan Jacton Electromechanical Co.,Ltd.

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