

The Pride of Top Quality  
**FOOT MASTER®**




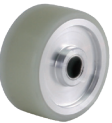
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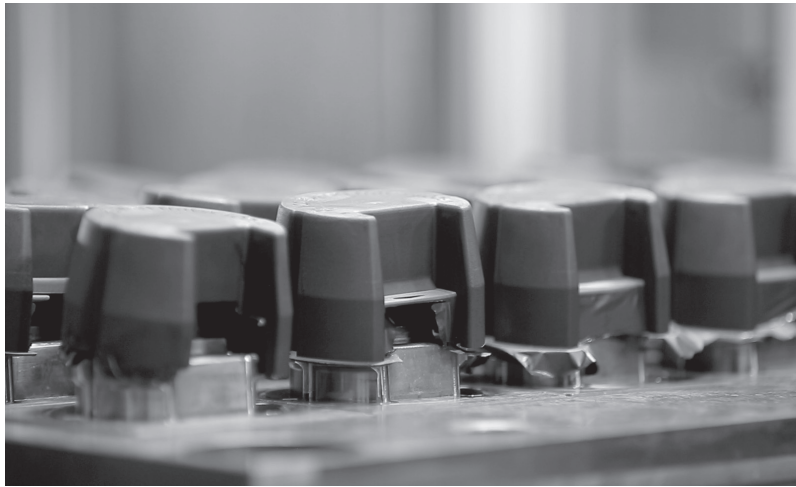
# Leveling casters

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## Guide for selection of wheels : Leveling casters

Image	Series	Description	Wheel code	Wheel dia mm	Wheel width mm	Axle bore mm	Hub length mm	Load capacity Kg	Bearing type
	NYN	– Nylon 66(Shore D70) – No bearing	NYN-40-20	40	20	7	22	60	X
			NYN-50-25	50	25	10	27	280	X
			NYN-63-28	63	28	12	34	550	X
			NYN-72-25	72	25	12	28	350	X
			NYN-75-30	75	30	12	35	1,000	X
	NYD	– Nylon 66(Shore D70) – Two ball bearings	NYD-75-55	75	55	12	55	700	6301 ZZ
	MCN	– MC nylon(Shore D80) – No bearing	MCN-40-19	40	19	7	21	60	X
			MCN-49-25	49	25	10	27	280	X
			MCN-62-28	62	28	12	33	550	X
			MCN-74-30	74	30	12	34	1,000	X
			MCN-90-55	90	55	18	56	1,500	X
	HUP	– Cast polyurethane (Shore D70) – Aluminum core – Plain bearing	HUP-50-25	50	25	10	27	280	Plain
			HUP-63-28	63	28	12	34	550	Plain
			HUP-75-30	75	30	12	35	800	Plain



Leveling casters

## GD Leveling casters

Smart Solution for both easy movement & leveling set

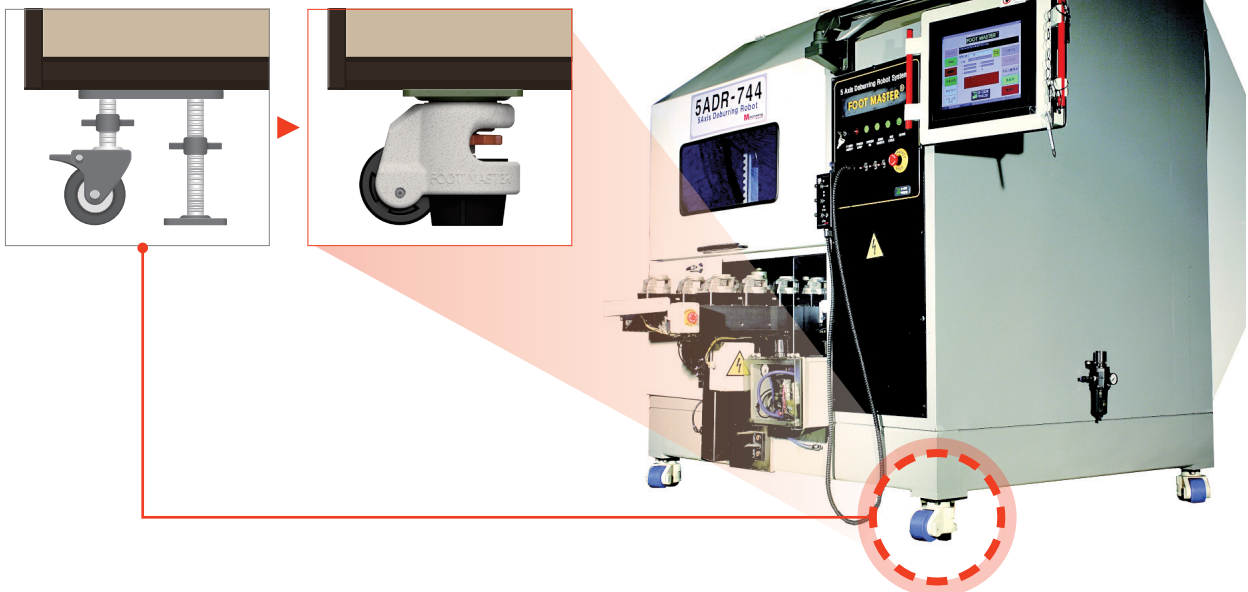
**FOOT MASTER® leveling casters** lead the global market with a global standard technology.



Moving a piece of equipment into a desired location, applying a wheel braking mechanism, and setting the unit into the exact position is easier said than done in many caster applications; FOOT MASTER® leveling casters offer a smart solution. Once positioned in the exact spot of operation, the anti-vibration pad is lowered, and the caster wheel is lifted off the ground, making the equipment completely stationary.

### Major features

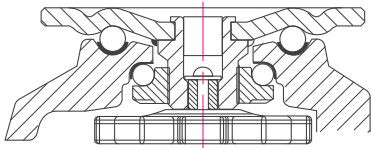
**New concept of functional product combining a caster with a leveling ability:** As a 2 in 1 system, it removes unnecessary work and improves work efficiency of workers.



# FOOT MASTER®

## Leveling casters GD series

**kg** 60~1,500kg    **RoHS**    **TEMP** -10~90°C



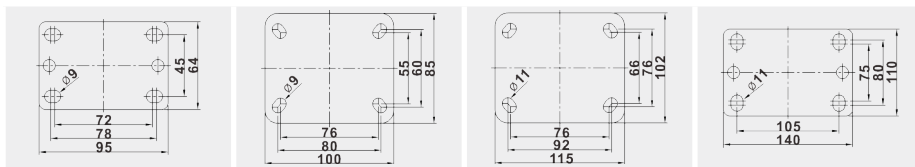
**Brackets:** Pressed steel plate(150 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120/150 series: only available for spanner), anti-vibration NBR pad(120/150 series: AL)

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 2

Swivel	Wheel type	mm	mm	Kg	mm	mm	mm	mm	mm
GD-40-F	NYN	40	20	60	70+10	30	55x55	42x42	6.5
GD-60-F		50	25	280	82+10	36	73x73	58x58	7 or 8.5
GD-80-F		63	28	550	103+15	46	90x90	70x70	9
GD-100-F		75	30	800	120+12	53	95x95	70x70	11
GD-120-F		75	30	1,000	120+12	53	95x95	70x70	11
GD-40-F	MCN	40	19	60	70+10	30	55x55	42x42	6.5
GD-60-F		49	25	280	82+10	36	73x73	58x58	7 or 8.5
GD-80-F		62	28	550	103+15	46	90x90	70x70	9
GD-100-F		74	30	800	120+12	53	95x95	70x70	11
GD-120-F		74	30	1,000	120+12	53	95x95	70x70	11
GD-150-F		90	55	1,500	132+15	69	100x100	70x70	13
GD-60-F	HUP	50	25	280	82+10	36	73x73	58x58	7 or 8.5
GD-80-F		63	28	550	103+15	46	90x90	70x70	9
GD-100-F		75	30	800	120+12	53	95x95	70x70	11

### Options



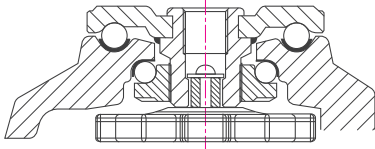
Code Suffix	-PUS	-PEU	-PUS	-PEU
Available for	60	60	100/120	100/120

Code Suffix	NYN	MCN	HUP	-FBL	-CEN	-CUR
Description	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)	Black frame	Anti-static pad	PU pad
Available for	40 ~ 120	40 ~ 150	60 ~ 100	40 ~ 150	40 ~ 100	40 ~ 100

# FOOT MASTER®

## Leveling casters GD series








 60~1,000kg  RoHS  -10~90°C



**Brackets:** Pressed steel plate(100/120 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120 series: only available for spanner), anti-vibration NBR pad (120 series: AL)

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 2

Swivel	Wheel type	 mm	 mm	 Kg	 mm	 mm	 mm	 mm
GD-40-S	NYN	40	20	60	70+10	30	M8x1.25P	10
GD-60-S		50	25	280	82+10	36	M12x1.75P M16x2.0P 1/2"-13UNC	18
GD-80-S		63	28	550	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GD-100-S		75	30	800	120+12	53	M16x2.0P	24
GD-120-S		75	30	1,000	120+12	53		
GD-40-S	MCN	40	19	60	70+10	30	M8x1.25P	10
GD-60-S		49	25	280	82+10	36	M12x1.75P M16x2.0P 1/2"-13UNC	18
GD-80-S		62	28	550	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GD-100-S		74	30	800	120+12	53	M16x2.0P	24
GD-120-S		74	30	1,000	120+12	53		
GD-60-S	HUP	50	25	280	82+10	36	M12x1.75P M16x2.0P 1/2"-13UNC	18
GD-80-S		63	28	550	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GD-100-S		75	30	800	120+12	53	M16x2.0P	24

### Options

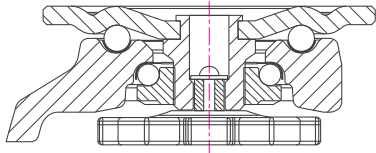
						
Code Suffix	NYN	MCN	HUP	-FBL	-CEN	-CUR
Description	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)	Black frame	Anti-static pad	PU pad
Available for	40 ~ 120	40 ~ 120	60 ~ 100	40 ~ 120	40 ~ 100	40 ~ 100

# FOOT MASTER®

Leveling casters

## GDN series

50~1,500kg RoHS -10~90°C



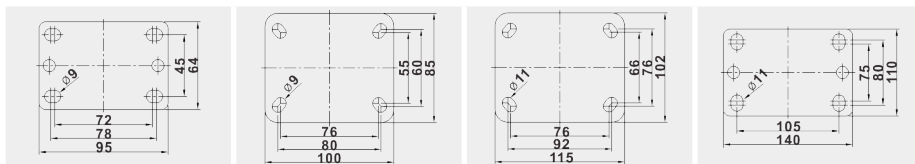
**Brackets:** Pressed steel plate(150 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120/150 series: only available for spanner), anti-vibration NBR pad(120/150 series: AL)

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 2

Swivel	Wheel type	mm	mm	Kg	mm	mm	mm	mm	mm
GDN-40-F	NYN	40	20	50	70+10	30	55x55	42x42	6.5
GDN-60-F		50	25	250	82+10	38	73x73	58x58	7 or 8.5
GDN-80-F		63	28	500	103+15	46	90x90	70x70	9
GDN-100-F		75	30	750	120+12	53	95x95	70x70	11
GD-120-F		75	30	1,000	120+12	53	95x95	70x70	11
GDN-40-F	MCN	40	19	50	70+10	30	55x55	42x42	6.5
GDN-60-F		49	25	250	82+10	38	73x73	58x58	7 or 8.5
GDN-80-F		62	28	500	103+15	46	90x90	70x70	9
GDN-100-F		74	30	750	120+12	53	95x95	70x70	11
GD-120-F		74	30	1,000	120+12	53	95x95	70x70	11
GD-150-F		90	55	1,500	132+15	69	100x100	70x70	13
GDN-60-F	HUP	50	25	250	82+10	38	73x73	58x58	7 or 8.5
GDN-80-F		63	28	500	103+15	46	90x90	70x70	9
GDN-100-F		75	30	750	120+12	53	95x95	70x70	11

### Options



Code Suffix	-PUS	-PEU	-PUS	-PEU
Available for	60	60	100/120	100/120

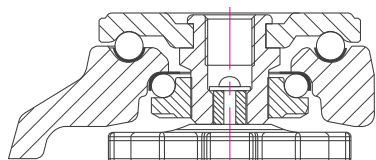


Code Suffix	NYN	MCN	HUP	-FBL	-CEN	-CUR
Description	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)	Black frame	Anti-static pad	PU pad
Available for	40 ~ 120	40 ~ 150	60 ~ 100	40 ~ 150	40 ~ 100	40 ~ 100

# FOOT MASTER®

## Leveling casters GDN series

50~1,000kg    RoHS    -10~90°C



**Brackets:** Pressed steel plate(100/120 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120 series: only available for spanner), anti-vibration NBR pad(120 series: AL)

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 2

Swivel	Wheel type	mm	mm	Kg	mm	mm	mm	mm
GDN-40-S	NYN	40	20	50	70+10	30	M8x1.25P	10
GDN-60-S		50	25	250	82+10	38	M12x1.75P M16x2.0P 1/2"-13UNC	18
GDN-80-S		63	28	500	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GDN-100-S		75	30	750	120+12	53	M16x2.0P	24
GD-120-S		75	30	1,000	120+12	53		
GDN-40-S	MCN	40	19	50	70+10	30	M8x1.25P	10
GDN-60-S		49	25	250	82+10	38	M12x1.75P M16x2.0P 1/2"-13UNC	18
GDN-80-S		62	28	500	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GDN-100-S		74	30	750	120+12	53	M16x2.0P	24
GD-120-S		74	30	1,000	120+12	53		
GDN-60-S	HUP	50	25	250	82+10	38	M12x1.75P M16x2.0P 1/2"-13UNC	18
GDN-80-S		63	28	500	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GDN-100-S		75	30	750	120+12	53	M16x2.0P	24

### Options

Code Suffix	NYN	MCN	HUP	-FBL	-CEN	-CUR
Description	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)	Black frame	Anti-static pad	PU pad
Available for	40 ~ 120	40 ~ 120	60 ~ 100	40 ~ 120	40 ~ 100	40 ~ 100



# FOOT MASTER®

Leveling casters

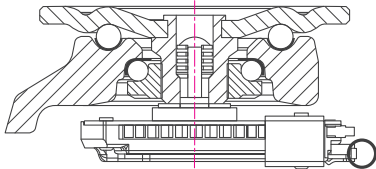
## GDR series



250~500kg



-10~90°C



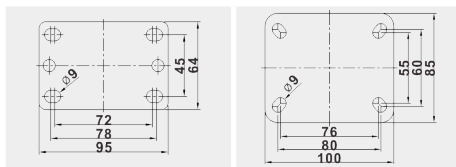
**Brackets:** Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated ratchet handle, anti-vibration NBR pad

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 2

Swivel	Wheel type	mm	mm	Kg	mm	mm	mm	mm	mm
GDR-60-F	NYN	50	25	250	82+10	38	73x73	58x58	7 or 8.5
GDR-80-F		63	28	500	103+15	46	90x90	70x70	9
GDR-60-F	MCN	49	25	250	82+10	38	73x73	58x58	7 or 8.5
GDR-80-F		62	28	500	103+15	46	90x90	70x70	9
GDR-60-F	HUP	50	25	250	82+10	38	73x73	58x58	7 or 8.5
GDR-80-F		63	28	500	103+15	46	90x90	70x70	9

### Options



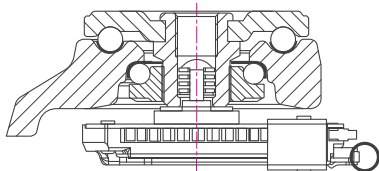
Code Suffix	-PUS	-PEU
Available for	60	60

Code Suffix	NYN	MCN	HUP	-FBL	-CEN	-CUR
Description	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)	Black frame	Anti-static pad	PU pad
Available for	60 ~ 80	60 ~ 80	60 ~ 80	60 ~ 80	60 ~ 80	60 ~ 80

# FOOT MASTER®



## Leveling casters GDR series

 250~500kg  RoHS  -10~90°C



**Brackets:** Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated ratchet handle, anti-vibration NBR pad  
**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 2

Swivel	Wheel type	 mm	 mm	 Kg	 mm	 mm	 mm	 mm
GDR-60-S	NYN	50	25	250	82+10	38	M12x1.75P M16x2.0P 1/2"-13UNC	18
GDR-80-S		63	28	500	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GDR-60-S	MCN	49	25	250	82+10	38	M12x1.75P M16x2.0P 1/2"-13UNC	18
GDR-80-S		62	28	500	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16
GDR-60-S	HUP	50	25	250	82+10	38	M12x1.75P M16x2.0P 1/2"-13UNC	18
GDR-80-S		63	28	500	103+15	46	M12x1.75P M16x2.0P 1/2"-13UNC	16

### Options

						
Code Suffix	NYN	MCN	HUP	-FBL	-CEN	-CUR
Description	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)	Black frame	Anti-static pad	PU pad
Available for	60 ~ 80	60 ~ 80	60 ~ 80	60 ~ 80	60 ~ 80	60 ~ 80

## Leveling casters

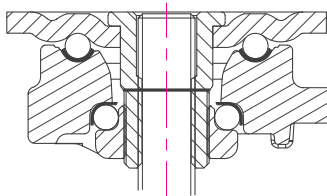
# GDL/GDLD series



150~700kg



-10~90°C



**Brackets:** Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with spanner, wheel brake system of on and off side pin, bolted wheel axle structure

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 3

Swivel	Swivel with brake	Wheel type	mm	mm	Kg	mm	mm	mm	mm	mm
GDL-50-ASF-NYN	-	NYN	50	25	150	73+10	45	73x73	58x58	7
GDL-65-ASF-NYN	-		63	28	500	98+18	56	90x90	70x70	9.5
GDLD-75-ASF-NYN	-		72	25x2	700	108+20	64	90x90	70x70	9.5
GDL-75-ASF-NYD	GDL-75-BSF-NYD	NYD	75	55	700	110+18	64	90x90	70x70	9.5
GDL-50-ASF-MCN	-	MCN	49	25	150	73+10	45	73x73	58x58	7
GDL-65-ASF-MCN	-		63	28	500	98+18	56	90x90	70x70	9.5
GDL-50-ASF-HUP	-	HUP	49	25	150	73+10	45	73x73	58x58	7
GDL-65-ASF-HUP	-		63	28	500	98+18	56	90x90	70x70	9.5

### Options

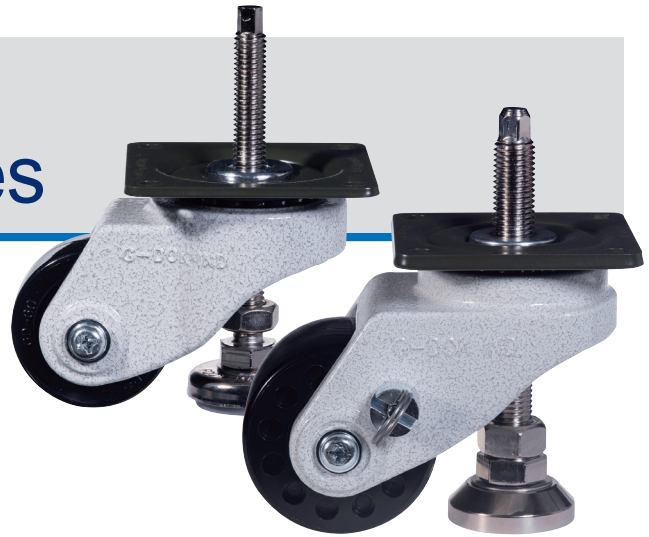
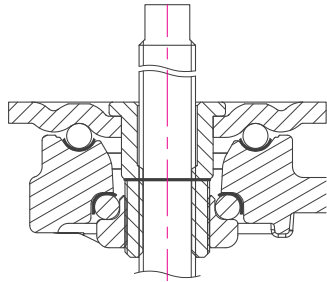
Code Suffix	NYN	NYD	MCN	HUP		
Description	Nylon66(D70)	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)		
Available for	50 ~ 75	75	50 ~ 65	50 ~ 65		

# FOOT MASTER®

Leveling casters

## GDH/GDHD series












 150~700kg     RoHS     -10~90°C



**Brackets:** Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with spanner, wheel brake system of on and off side pin, bolted wheel axle structure

**Surface Treatment:** Powder coating, zinc plated

\* Recommended Load = Load Cap. × 3

Swivel	Swivel with brake	Wheel type	 mm	 mm	 Kg	 mm	 mm	 mm	 mm	 mm	 mm	 mm	 mm
GDH-50-ASF-NYN	-	NYN	50	25	150	73+35	45	73x73	58x58	7	M10x56L	7	
GDH-65-ASF-NYN	-		63	28	500	98+48	56	90x90	70x70	9.5	M16x60L	11	
GDHD-75-ASF-NYN	-		72	25x2	700	108+37	64	90x90	70x70	9.5	M16x60L	11	
GDH-75-ASF-NYD	GDH-75-BSF-NYD	NYD	75	55	700	110+35	64	90x90	70x70	9.5	M16x60L	11	
GDH-50-ASF-MCN	-	MCN	49	25	150	73+35	45	73x73	58x58	7	M10x56L	7	
GDH-65-ASF-MCN	-		63	28	500	98+48	56	90x90	70x70	9.5	M16x60L	11	
GDH-50-ASF-HUP	-	HUP	49	25	150	73+35	45	73x73	58x58	7	M10x56L	7	
GDH-65-ASF-HUP	-		63	28	500	98+48	56	90x90	70x70	9.5	M16x60L	11	

### Options

						
Code Suffix	NYN	NYD	MCN	HUP		
Description	Nylon66(D70)	Nylon66(D70)	MC nylon(D80)	Cast PU(D70)		
Available for	50 ~ 75	75	50 ~ 65	50 ~ 65		