KAISHAN

Engineering the Future

AP Series
SCREW COMPRESSOR

The Most Economic Compressed Air Solution By KAISHAN

- AP Model
- APPM Model
- APX Model

KAISHAN Launched AP series product to the part countries of Asia market as Economic compressor will provide these markets more choose.

Compact and minimalism parts design concept, high quality and stability.

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AP SERIES
SCREW COMPRESSOR

AP Model

Providing Compressed Air System with High Reliability, Easy Maintenance and More Economical Application

Humanized display and control interface system

Easy to operate
High visibility
Working 24-7
Notice for alarm and service indication
Can support for synchronous control

New generation high efficiencymotor

Big starting torque
Isolation level F
Protection level IP23
Refueling without stopping the compressor

High Efficiency inlet control valve

ON/OFF control
With check valve design

Belt & Direct-driven design suitable for small machine

Inner separator tank design to ensure the oil carry-over rate less than 3PPM

SPECIFICATION:

380V/50Hz

Model	Motor (KW)	working pressure (Bar)	Capacity (M^3/Min)	Driven	Nominal Speed	Discharge Outlet	Noise Level (dbA@1M)	Weight (KG)	Dimension (MM)
AP7.5-8G	7.5	8	1.00	Direct	2900	G3/4	72	200	800x620x800
AP11-8G	11	8	1.70	Direct	2920	G1	72	265	1000x670x1090
AP11-8	11	8	1.45	Belt	2920	G1	72	290	700x670x1250
AP15-8G	15	8	2.10	Direct	2920	G1	73	280	1000x670x1090
AP15-8	15	8	2.20	Belt	2920	G1	73	290	700x670x1250
AP18-8G	18	8	2.55	Direct	2940	G1	74	380	1200x800x1120
AP22-8G	22	8	3.10	Direct	2940	G1	74	400	1200x800x1120
AP30-8G	30	8	4.70	Direct	2940	G11/2	75	550	1340x850x1330
AP37-8G	37	8	5.50	Direct	2940	G11/2	76	570	1340x850x1330
AP45-8G	45	8	6.70	Direct	2940	G11/2	78	740	1480x1030x1365
AP55-8G	55	8	9.00	Direct	2940	G11/2	80	800	1480x1030x1365
AP75-8G	75	8	12.20	Direct	2940	G2	81	1200	1800x1190x1710
AP90-8G	90	8	13.50	Direct	2940	G2	81	1230	1800x1190x1710
AP110-8G	110	8	20.00	Direct	2940	DN65	82	1850	2100x1230x1730
AP132-8G	132	8	22.00	Direct	2940	DN65	82	2100	2100x1230x1730

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AP SERIES
SCREW COMPRESSOR

APPM Model

Permanent Magnet Variable Frequency Screw Compressor

Provide Compressed air system with high reliability, high efficiency, energy saving, easy maintenance, economical and applicable

A high-efficiency PM Variable Frequency Screw Air Compressor has advantages in the following areas:

- **Have a highly efficient screw compressor air-end**
- **Have a high-efficient PM synchronous motors**
- **Have a first-class PM Variable control technology**

KAISHAN APPM owns possesses significant technical advantages in the above areas

Compared to the ordinary PM variable frequency screw air compressor, KAISHAN APPM series have obvious technological advantages, including Screw compressor air-end efficiency, motor efficiency and control technology.

SPECIFICATION:

380V/50Hz

Model	Motor (KW)	working pressure (Bar)	Capacity (M^3/Min)	Driven	Nominal Speed	Discharge Outlet	Noise Level (dbA@1M)	Weight (KG)	Dimension (MM)
APPM7.5-8G	7.5	8	1.00	Direct	3000	G3/4	72	200	880x510x800
APPM11-8G	11	8	1.70	Direct	4200	G1	73	260	1000x670x1090
APPM15-8G	15	8	2.10	Direct	3000	G1	73	280	1000x670x1090
APPM22-8G	22	8	3.10	Direct	3600	G1	74	390	1200x800x1120
APPM37-8G	37	8	5.50	Direct	3600	G11/2	76	600	1340x850x1330
APPM45-8G	45	8	6.70	Direct	3600	G11/2	76	800	1480x1030x1365
APPM55-8G	55	8	9.00	Direct	3000	G11/2	80	810	1480x1030x1365
APPM75-8G	75	8	12.20	Direct	3000	G2	81	1280	1800x1190x1710
APPM90-8G	90	8	13.50	Direct	3000	G2	81	1300	1800x1190x1710
APPM110-8G	110	8	20.00	Direct	3000	DN65	82	1850	2700x1230x1730
APPM132-8G	132	8	22.00	Direct	3000	DN65	82	2270	2700x1230x1730

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Engineering the Future

AP SERIES
SCREW COMPRESSOR

APX Model

Provide high reliability and basic choice to meet customer's requirement.

- **Integrated design, compact layout, beautiful appearance**
- **Easy to Installation and use, easy to move**
- **Save installation cost and usage space**
- **Integrated and Optimized Pipeline Design to reduce Pressure Loss**
- **Directly discharge dry compressed air, fully ensure the quality of terminal Compressor Air**

SPECIFICATION:

380V/50Hz

Model	Motor (KW)	working pressure (Bar)	Capacity (M^3/Min)	Discharge Outlet	Noise Level (dbA@1M)	Weight (KG)	Dimension (MM)
APX7.5-8	7.5	8	1.20	G1	72	470	1310x720x1650
APX7.5-10	7.5	10	1.00	G1	72	470	1310x720x1650
APX7.5-13	7.5	13	0.80	G1	72	470	1310x720x1650

KAISHAN

Engineering the Future

KAISHAN PORTABLE COMPRESSOR

KM / KP Series

KAISHAN

MORE CONVENIENT
MORE RELIABLE

Kaishan Compressor Global

WORLD WIDE SUPPORT

Globally recognized industrial presence

Over the last sixty years, Kaishan has steadily grown to become a significant, diversified engineering company developing high value machinery for industries worldwide. With modern, specialized manufacturing facilities positioned in seven strategic locations, Kaishan's group of thirty-two subsidiary companies produce over 70,000 rotary screw and 250,000 reciprocating compressors annually. Kaishan is the world's third largest manufacturer of compressed air, mining and drilling equipment and supports industries in more than 60 countries including: USA, Australia, Germany, Japan, Korea, Russia, Africa and throughout Latin America.

Vertically integrated global strategy

Kaishan's global strategy of combining skilled engineering with highly efficient manufacturing allows us to provide performance proven, reliable equipment at a significant cost savings to our customers. Additionally, Kaishan's manufacturing processes are 85% vertically integrated insuring full control of the material supply chain. This vertical approach supplies high quality components at a lower cost, and affords Kaishan the ability to respond rapidly to changing market demands.

Practiced environmental sustainability

Integral to the design and manufacture of our products is outstanding energy efficiency. Kaishan's fundamental belief in environmental sustainability drives us to produce products that maximize energy efficiency and help to preserve precious energy resources. Single and two-stage compressors that produce more compressed air per unit of power input as well as expanders that utilize waste energy to produce electricity are just two of the fundamental products in our sustainable approach.

Throughout our manufacturing processes, unused waste materials are recycled at every stage to minimise the use of raw materials. This approach translates to lower initial costs and a smaller environmental footprint that helps us all. Kaishan's committment to environmental responsibility ensures that we will continue to develop technologies and manufacturing solutions that provide industry with machinery of exceptional value - now and well into the future.

At Kaishan, we do more than provide superior products. We deliver Mobile compressor solutions to move your business forward. Robust compressors that perform on the most demanding job sites. Drill machine that are reliable and efficient. Factor in our industry-leading service and support, and it's quite clear that partnering with us is a smart return on your investment.

PORTABLE SOLUTION

Dependability

Our equipment is built to last with corrosion resistant galangal steel enclosures and a durable, baked-on powder coat finish. Extensive testing at our Quzhou, Zhejiang facility includes a test track, tilt table, and cold chamber to ensure our machines will perform in the harshest conditions and applications.

KAISHAN is fully committed to delivering quality machines that maximize uptime and minimize downtime to give you peace of mind.

Performance

KAISHAN gives you the power you need in the most efficient manner. We provide leading fuel economy and performance whileensuring compliance with the latest emissions standards.

KAISHAN also offers unmatched versatility to support almost every job or application. With user friendly controls and diagnostics, anyone canoperate our equipment with minimal instruction.

Serviceability

KAISHAN has an extensive and knowledgeable dealer network. Our dealer-partners have a deep understanding of your business and can provide the solutions you demand.

All of our products are engineered and designed with an emphasis on accessibility to make sure routine maintenance is quick and easy to perform without having to take the machine apart.

Oil cooler

Super large cooler and fan. Meet all kinds of adverse conditions.

Excellent temperature removal effect, suitable for harsh field working environment.

Air volume automatic control system

The air volume regulating device automatically adjusts the suction capacity of the compressor and the rotation speed of the diesel engine, so as to achieve the best effect of the lowest fuel consumption.

- *Adopt high efficiency and energy saving screw compressor*
- *Patented rotor profile for superior performance*
- *Solid axial and radial bearings for long life*
- *Triple shaft seal to eliminate leakage*
- *Wear resistant shaft sleeve with O-ring by precision hardening grinding, with high maintainability*
- *Top performance and efficiency results in large exhaust volume*

Surging Engine

Diesel engine of international brand provides surging power to meet EPA / Tier III / stage III emission requirements

Standard Model optional: Yuchai brand, Cummins Brand and CAT Brand

MORE STORAGE

More toolbox space for convenient tools and accessory storage.

SERVICEABILITY

Easy lift canopy provides ample room to work when performing routine maintenance.

EASE OF MAINTENANCE

KAISHAN's patented spin-on oil separation system allows for an industry leading replacement time of under 2-minutes.

FUEL SAVINGS

An electronically controlled engine driven cooling fan with a hydraulic clutch improves fuel efficiency and reduces noise.

PRODUCTIVITY

The KAISHAN designed and manufactured SKY airend is efficient and delivers the high-volume cfm output to power applications like sand blasting.

AT-A-GLANCE

The control panel on the Mobile Compressor provides improved operator interface and easy-tounderstand diagnostics.

FUEL EFFICIENCY

The dynamic fan clutch provides over 12% fuel savings in cold environments.

EASY ACCESS

Airend consumables, fuel filters and dipstick are all centrally located for quick and easy maintenance.

DURABILITY

The larger mobile compressor models are equipped with a High prefomance airend that requires less horsepower to deliver a high volume cfm output.

PORTBALE COMPRESSOR SPECIFICATIONS

KM Series

MODEL	Pressure Mpa	flow rate m³/min	Engine brand	Power HP	Outlet Size	Dimension L×W×H (mm)	Weight KG
KM175-8 XS G2	0.8	5	XiChai	50	G1*1,G1/2*1	1660×1020×1610	740
KM175-8 XS	0.8	5	XiChai	50	G1*1,G1/2*1	1660×1020×1610	740
KM175-8 XC	0.8	5	XiChai	50	G1*1,G1/2*1	2500×1350×1500	970
KM220-8 XC	0.8	6	XiChai	75	G1 1/4*1,G3/4*1	3240×1760×1850	1400
KM330-8 YC	0.8	9	Yuchai	120	G1 1/2*1,G3/4*1	3240×1760×1785	1550
KM330-8 CU G2	0.8	9	Cummins	125	G1 1/4*1,G3/4*1	3240×1760×1785	1550
KM400-14.5 YC	1.5	11	Yuchai	160	G1 1/2*1,G3/4*1	3300×1880×2100	1880
KM400-14.5 CU G2	1.5	11	Cummins	150	G1 1/2*1,G3/4*1	3500×1850×2100	1800
KM425-10 YC	1	12	Yuchai	160	G1 1/2*1,G3/4*1	3300×1880×2100	1880
KM425-10 CU G2	1	12	Cummins	150	G1 1/2*1,G3/4*1	3500×1850×2100	1800
KM550-13 YC	1.3	15	Yuchai	190	G1 1/2*1,G3/4*1	3000×1520×2200	2400
KM550-13 YC G2	1.3	15	Yuchai	180	G1 1/2*1,G3/4*1	3000×1520×2200	2200
KM550-13 CU G2	1.3	15	Cummins	180	G1 1/2*1,G3/4*1	3000×1520×2200	2050
KM560-15 YC	1.5	16	Yuchai	220	G2*1,G3/4*1	3000×1520×2200	2400
KM560-15 CU	1.2-1.5	15-16	Cummins	210	G2*1,G3/4*1	3000×1520×2232	2200
KM570-12/15 YC	1.2-1.5	15-16	Yuchai	190	G1 1/2*1,G3/4*1	3020×1520×2180	2400
KM570-12/15 CU	1.2-1.5	15-16	Cummins	180	G1 1/2*1,G3/4*1	3020×1520×2180	2200
KM580-17 YC G2	1.7	16.5	Yuchai	260	G2*1,G3/4*1	3020×1520×2180	2700
KM630-17G YC	1.7	18	Yuchai	220	G2*1,G3/4*1	2800×1520×1780	2200
KM640-17G YC	1.7	18	Yuchai	260	G2*1,G3/4*1	3050×1800×1800	2700
KM700-17/20 YC	1.7-2.0	18-19	Yuchai	260	G2*1,G3/4*1	3000×1520×2390	2800
KM700-17/20 CU	1.7-2.0	18-19	Cummins	260	G2*1,G3/4*1	3000×1520×2390	2700
KM750-22 YC	2.2	21	Yuchai	310	G2*1,G3/4*1	4300×2090×2470	3300
KM800-17/20 YC	1.7-2.0	20-22	Yuchai	310	G2*1,G3/4*1	3100×1520×2400	2850
KM850-23 YC	2.3	24	Yuchai	340	G2*1,G3/4*1	3500×1950×2030	4450
KM1130-17/23G YC	1.7-2.3	29-32	Yuchai	400	G2*1,G3/4*1	3500×1950×2030	4050

KP Series

MODEL	Pressure Mpa	flow rate m³/min	Engine brand	Power HP	Outlet Size	Dimension L×W×H (mm)	Weight KG
KP185-7 YC	0.7	5	Yuchai	50	G1 1/4*1,G3/4*1	3240×1760×1850	1300
KP185-7 KU	0.7	5.2	Kubota	49	G1 1/4*1,G3/4*1	3020×1560×1420	900
KP210-7 CA	0.7	6	Caterpillar	60	NPT 3/4*2	3050×1565×1450	900
KP210-7 YC	0.7	6	Xichai	75	G1 1/4*1,G3/4*1	3240×1760×1850	1400
KP270-7 CU G2	0.7	7.5	Cummins	125	G1*1, G3/4*1	3140×1700×1830	1900
KP330-7 YC	0.7	9	Yuchai	120	G1 1/4*1,G3/4*1	3240×1760×1785	1550
KP350-7 CU G2	0.7	10	Cummins	125	G1*1, G3/4*1	3140×1700×1830	1950
KP425-10 YC	1.0	12	Yuchai	160	G1 1/4*1,G3/4*1	3300×1880×2100	1880
KP425-10 CU G2	1.0	12	Cummins	150	G1 1/4*1,G3/4*1	3500×1850×2100	1800
KP450-14 CU	1.4	12.5	Cummins	180	G2*1,G3/4*1	3500×1980×2200	2280
KP750-13T CU	1.3	21	Cummins	260	G2 1/2*1,G3/4*1	3600×1800×2480	3200
KP780-8 CU	0.8	22	Cummins	260	G2*1,G3/4*1	3764×1800×2213	4000
KP900-10T CU	1	25	Cummins	260	G2 1/2*1,G3/4*1	3600×1800×2480	3200
KP950-10 YC	1.0	27	Yuchai	340	G2*1,G3/4*1	4300×1950×2900	4800
KP950-10 CU	1.0	27	Cummins	360	G2*1,G3/4*1	4600×1950×2850	5000
KP1050-8T CU	0.8	30	Cummins	260	G2 1/2*1,G3/4*1	3600×1800×2480	3200
KP1150-10 YC	1.0	32	Yuchai	400	G2*1,G3/4*1	4600×1950×2850	5000
KP1150-10 CU	1.0	32	Cummins	360	G2*1,G3/4*1	4600×1950×2850	5000
KP2300-5 YC	0.5	65	Yuchai	560	DN125	4500×2350×2380	8500
KP2300-5 CU	0.5	65	Cummins	600	DN125	4760×2360×2430	8200
KP400-18 YC	1.8	11	Yuchai	160	G1 1/2*1,G3/4*1	3500×2000×1930	2100
KP600-12/18 YC	1.2-1.8	15-17	Yuchai	190	G2*1,G3/4*1	3000×1520×2300	2200
KP600-14/18 CU	1.4-1.8	15-17	Cummins	210	G2*1,G3/4*1	3500×1980×2200	2450
KP650-15/18 YC	1.5-1.8	17-18	Yuchai	220	G2*1,G3/4*1	3000×1520×2300	2500
KP650-15/18 CU	1.5-1.8	17-18	Cummins	210	G2*1,G3/4*1	3000×1520×2300	2200
KP750-18/21 YC	1.8-2.1	19-21	Yuchai	260	G2*1,G3/4*1	3300×1700×2350	3600
KP750-18/21 CU	1.8-2.1	19-21	Cummins	260	G2*1,G3/4*1	3300×1700×2350	3600
KP825-18/21 YC	1.8-2.1	21-23	Yuchai	310	G2*1,G3/4*1	3300×1800×2300	3900
KP900-18/23 YC	1.8-2.3	23-25	Yuchai	340	G2*1,G3/4*1	4150×1950×2850	4850
KP900-18/23 CU	1.8-2.3	23-25	Cummins	360	G2*1,G3/4*1	4150×1950×2850	4850
KP920-25 YC	2.5	26	Yuchai	560	G2*1,G3/4*1	4700×2160×2650	6800
KP920-25 CU	2.5	26	Cummins	550	G2*1,G3/4*1	4700×2160×2650	6800
KP950-18/23 CU	1.8-2.3	25-27	Cummins	360	G2*1,G3/4*1	4150×1950×2850	4850
KP1050-18/23 YC	1.8-2.3	27-29	Yuchai	400	G2*1,G3/4*1	4000×1950×2650	4500
KP1200-25 YC	2.5	33	Yuchai	560	G2*1,G3/4*1	4700×2160×2650	6800
KP1200-25 CU	2.5	33	Cummins	550	G2*1,G3/4*1	4700×2160×2650	6800
KP1200-35 CU	3.5	33	Cummins	700	G2*1,G3/4*1	4850×2160×2970	7110
KP1200-35 CA	3.5	33	Caterpillar	650	G2*2	5000×2200×2850	8000
KP1250-18/25G YC	1.8-2.5	31-35	Yuchai	400	G2*1,G3/4*1	3650×2000×2200	4500
KP1250-25/35G YC	2.5-3.5	30-35	Yuchai	560	G2*1,G3/4*1	3800×2160×2330	6000
KP1250-25/35G CU	2.5-3.5	30-35	Cummins	550	G2*1,G3/4*1	3800×2160×2300	5800
KP1350-20/25G YC	2.0-2.5	35-38	Yuchai	550	G2*1,G3/4*1	3500×1950×2320	4500
KP1350-20/25G CU	2.0-2.5	35-38	Cummins	550	G2*1,G3/4*1	3500×1950×2200	4500
KP1400-25 CU	2.5	39	Cummins	700	G2*1,G3/4*1	4850×2160×2970	7110
KP1400-25 CA	2.5	39	Caterpillar	700	G2*2	5000×2200×2850	8000
KP1450-20/30G YC	2.0-3.0	36-41	Yuchai	560	G2*1,G3/4*1	3800×2160×2330	6000
KP1450-20/30G CU	2.0-3.0	36-41	Cummins	550	G2*1,G3/4*1	3800×2160×2300	5800
KP1500-25/35G YC	2.5-3.5	37-43	Yuchai	775	G2*1,G3/4*1	4160×2200×2257	7000
KP1600-25/35 VV	2.5-3.5	37-45	Volvo	760	G2*1,G3/4*1	5060×2240×2795	8478

The final interpretation right belongs to Kaishan.

Air-cooled Compressed Air Dryer

Working Condition and Technical Data	
Inlet temperature	Normal temperature type ≤45℃ and high temperature type ≤80℃
Cooling method	Air cooling
Ambient temperature	≤38℃
Pressure dew point	2-10℃
Inlet pressure	0.6-1.0MPa
Pressure loss	≤5% of working pressure
Note: Air-cooled compressed air dryers with a volume of 60 cubic meters or more are skid-mounted units without box plates, and other special standards are available on request.	

Parameters of Air-cooled Compressed Air Dryer at Normal Temperature										
Item / Model	Air handling capacity (Nm^3/min)	Voltage (V)	Cooling power (HP)	Fan power (W)	Diameter of air nozzle	Net weight (KG)	Length (mm)	Width (mm)	High (mm)	Air volume (Nm^3/h)
KSAD-2SF	2.5	220	0.75	1×55	Rp1″	110	650	430	700	965
KSAD-3SF	3.6	220	1	1×150	Rp1"	130	850	450	730	3110
KSAD-4.5SF	5	220	1.5	1×250	Rp1-1/2"	150	1000	490	760	5180
KSAD-6SF	6.8	220	2	1×250	Rp1-1/2"	160	1050	550	800	6220
KSAD-8SF	8.5	220	2.5	2×190	Rp2"	200	1200	530	946	8470
KSAD-12SF	12.8	380	3	2×190	Rp2"	250	1370	530	946	8470
KSAD-15SF	16	380	3.5	2×190	DN65	320	1500	780	1526	8470
KSAD-20SF	22	380	4.2	2×190	DN65	420	1540	790	1666	8470
KSAD-25SF	26.8	380	5.3	2×250	DN80	550	1610	860	1610	10560
KSAD-30SF	32	380	6.7	2×250	DN80	650	1610	920	1872	10560
KSAD-40SF	43.5	380	8.3	3×250	DN100	750	2160	960	1863	15840
KSAD-50SF	53	380	10	3×250	DN100	830	2240	960	1863	15840
KSAD-60SF	67	380	13.3	3×410	DN125	1020	2300	1000	1875	21900
KSAD-70SF	78	380	16.6	4×410	DN125	1160	1940	1550	1980	29200
KSAD-80SF	90	380	20	4×640	DN125	1300	2040	1490	2029	38000
KSAD-100SF	110	380	25	6×410	DN150	1600	2400	1900	2019	43800
KSAD-120SF	130	380	30	6×640	DN150	2000	2600	2250	2185	57000
Note: The technical standard of pressure for the above parameters is 0.7Mpa. If the working pressure is less than 0.6Mpa or more than 1Mpa, please ask Kaishan Purify Equipment for product technical data.										

Parameters of Air-cooled Compressed Air Dryer at High Temperature										
Item / Model	Air handling capacity (Nm3/min)	Voltage (V)	Cooling power (HP)	Fan power (W)	Diameter of air nozzle	Net weight (KG)	Length (mm)	Width (mm)	High (mm)	Air volume (Nm^3/h)
KSAD-2HF	2.5	220	0.75	2×55	Rp1"	140	845	570	810	1930
KSAD-3HF	3.6	220	1	2×150	Rp1"	160	1020	600	820	6220
KSAD-4.5HF	5	220	1.5	4×90	Rp1-1/2"	180	1000	500	1020	7560
KSAD-6HF	6.8	220	2	4×150	Rp1-1/2"	210	1100	500	1130	12400
KSAD-8HF	8.5	220	2.5	4×190	Rp2"	250	1200	640	1250	16940
KSAD-12HF	12.8	380	3	4×190	Rp2"	270	1330	650	1250	16940
KSAD-15HF	16	380	3.5	4×190	DN65	360	1635	880	1540	16940
KSAD-20HF	22	380	4.2	4×190	DN65	460	1640	890	1610	16940
KSAD-25HF	26.8	380	5.3	4×250	DN80	600	1860	990	1668	21120
KSAD-30HF	32	380	6.7	4×250	DN80	720	1810	1310	1738	21120
KSAD-40HF	43.5	380	8.3	6×250	DN100	870	2360	1410	1950	31680
KSAD-50HF	53	380	10	6×250	DN100	970	2360	1460	1960	31680
KSAD-60HF	67	380	13.3	7×410	DN125	1000	2300	1500	2260	51100
KSAD-70HF	78	380	16.6	8×410	DN125	1200	2488	1725	2248	58400
KSAD-80HF	90	380	20	8×640	DN125	1460	2580	1810	2208	76000
KSAD-100HF	110	380	25	12×525	DN150	1850	2900	2258	2330	100800
KSAD-120HF	130	380	30	12×525	DN150	2400	3065	2522	2308	100800