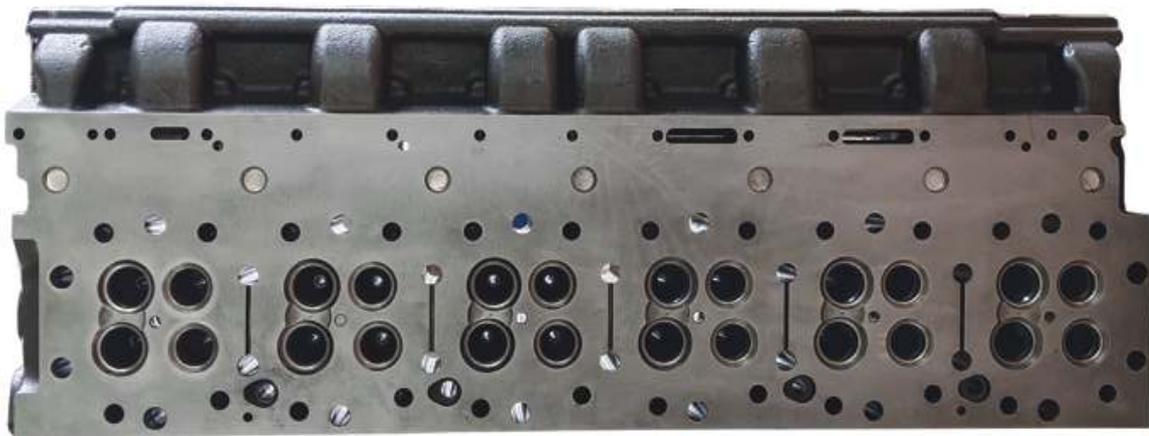


CYLINDER HEAD

— *Catalogue* —





About us

Empire group has been exporting Car, trailer, Truck and Tractor part to over 25 Countries for the last 20 Years. Empire is a High-tech Enterprise specialized development, production and sale of Auto parts.

Quality Policy

We are committed to manufacture, supply and export Auto components to the entire satisfaction of Customers. Our aim is to progress through Continual Improvement in Quality & Productivity.

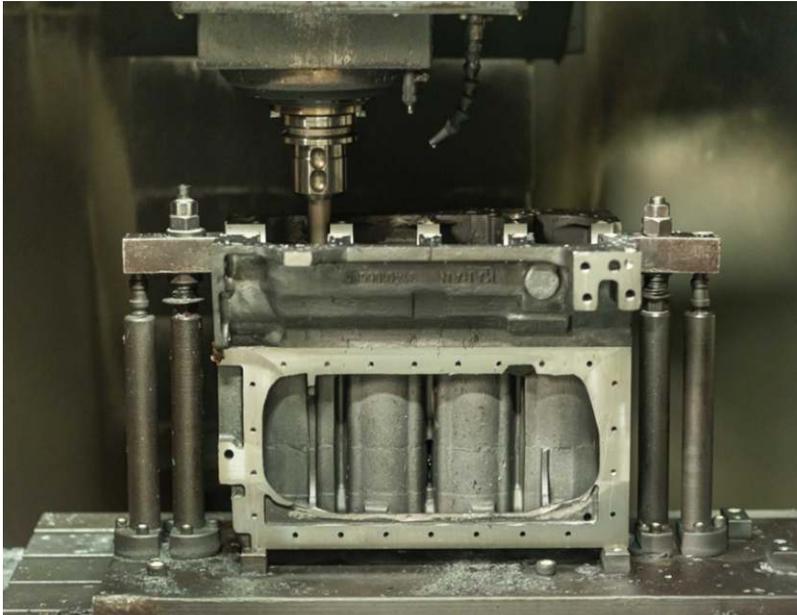
This is achieved through:

- Meeting the exact requirements of Quality & Productivity consistently.
- On time delivery.
- Building a Competent Work Force.
- Setting & reviewing quality objectives in every department.



Our Advantage - A Cut Above the Best

- Wider range of products.
- Foundry capacity 3500 tons per year
- Well equipped re-engineering center.
- Abundant skilled and knowledge, efficient and cost-effective manpower base.
- Well equipped production lines.
- Positioned to be a manufacturing base for batch production
- Focus on critical value added operations.





Suitable for Bedford

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
J6 & CNG (Gas)	7182813/7169697	51	55



Suitable for BMC

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
1.5 Lts.	8D 154	21	22
1.8 Lts.	WFM 1076	21	22



Suitable for Caterpillar

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
3406 DI 4W5170	110.5096/7W0007/4W5170	123.6	138
3406PC	110.5097/7N1303/7W0010 (4N5079,6N1008,4W1509,4N2270)	123.6	138
3406E	4P5052	195	220
G3406	110-5100 (613598),2236516	130	145
C-15 / C-18 (ACERT)	245-4324/2239250/2237263 (4P5052,176-9918)	195	210
D342 Deck Plated D8K	8N.6000 /5N8501	109	121
D342 D8K	8N.6004	109	121
G342 SP GAS	8N6001	109	121
G342 CB GAS	8N6005	109	121
3412 A	7N.0848 (4N7800,6N9974)	125.6	138
3412 B DI	7W.2243	125.6	138
3408 B DI	7W.2225	97.6	107
3408 A 631-633-637D-769 / 988B-D8L	7N.0858 (4N7799,6N9978)	97.6	107
3306 977L-966	8N.1187	90.1	102
3306 Low Serial / 977-D6-D7F	1P.4303 (7S7069,9S7515)	90.1	102
3306 DI	8N.6796	93.2	105
3304 955L-D4D	8N.1188	60.5	70
3304 Low Serial 955-D4	7S.7070	58.5	68
3304 DI	1N.4304	64.5	75
CAT3116	1407373 (7W3228,9Y9166,115-4162,7E4205, 101-2352,105-1708),7W3277,1605130,126586,1077610	70	80
C-7	2195843,(219-5844,133-3724)	105	120
C-9	3323619(252-8438)3306067/02	95	105
C-12/C-10	1323252 (162-0623,148-2144,1043844)/3176	149	165
C-13/C-11	3050617 (240-4031,240-8271),237-2109,257-2188		
C-27/C-32	357-7396	236	



Suitable for Cummins

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
NH 220/495/743	BM 60971/14202083 (BM60941),6610-10-1001/1000	30.5	32
NT 855/250	3053344 / 3008100/ AR96860/3008101	35.4	39
N-14(CELECT)	3076209/3084060/3084981/3078380	35.5	39
NH-250/NTC400	3046760	35.5	39
ISX (Dubble CAM)	4101420/4925774 (4026916)	200.8	210
ISX-15 (Single CAM)	4298234	185	200
NT-Gas	300810	35.4	39
Scollected	3068516	35.4	39



Suitable for Detroit Diesel

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
6-71, 4V (3/4" end Plugs)	5102770	86.5	97
8V92 & 16V92	5149878	56	65
4-71, 4V	5102771	56	65
6V92 & 12V92	8922355/5149877/5148543	42	45
60Series	23538858	162	176
60Series	23538857	162	176
353-4v	5198203	40	
453-4v	5198202	54	
3-71 (6v-71)	5102769	44	



Suitable for Hino

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
J08C	11101E0541	47.3	50.3
P11C	S111014302	70	74
J05C	1118378010	35	38

Suitable for International Harvester

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
D 434	3044489	30	32.5
B 275	3044490	30	32.5



Suitable for Iveco

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
330-36 HT (Front)	500330966	53.5	55.5
330-36 HT (Rear)	500330967	53.5	55.5

Suitable for John Deere

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
6076,6068 8.1 Ltr	R86427/122491/122492/105704	75	80
6-466 [6 Cyl.]	R76384 (R59856,R61521,R76318, R86696, R86699,R86427, T20417,R26050,R8040, R34850 ,R34980,R43120,R43920,R46080,R46090,R50044,R50360, R58044, R59849,R64730, R47320, R75621, R53200,R75641)	70	75
6081 (6cyl.)	R517486	82	
12.5 (6cyl.)	R504243	137	
12.5 (6cyl.)	R136222	137	
13.5 (6cyl.)	R525711	137	

Suitable for Komatsu

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
S4D105	6135 12 1101	35	37
SA4D110	-----	52	55
S6D105	6137 11 1012	52	55
SA6D110	6138 12 1100	52	55
S6D155	6127 11 1138/6128-11-1022	75	78
S6D170	6162 13 1103	52	55



Suitable for Kubota

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
V2203	01907 - 703040	19	20
V1902	01789 - 303040	19	20
V1702	35185172	19	20
V2003 [WITH 10 EXTRA HOLES]	1G624-03042	19	20
D650/750 [3 CYL]	----	10	11
D850/950 [3 CYL]	----	10	11



Suitable for Land Rover

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
2.25 Liters Petrol	ETC 5412	26	28.5



Suitable for Mack

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
E-Mack (732 GB)	5341 M	62.4	65
Mack - E6 (732 GB)	5311 (5292M)	62.4	65
Mack - E7 (732 GB)	4468M (5326M, 5320M, 5335M)	62.4	65

Suitable for Man

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
MAN D2566 Naturally aspirated	5103 101 6550/6510	13	16
MAN D2866 Turbo Charged	5103 101 6773 /6774/6585	13	16
MAN 2876 - 4V	5103 100 6053	13.7	16
MAN D 2876-4V TGA	5103 100 6181	13.5	16



Suitable for Mercedes Benz

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
OM 312	3120103020	44.5	47.5
OM 314	314 010 5620/3320	30.3	32.5
OM 352	352 010 5220/5020	44.5	47.5
OM 352 A	352 010 2221/362 010 0920	44.5	47.5
OM 355/OM 346	355 010 0220/0820	13.5	15
OM 355 A	355 010 0620	13.5	15
OM 360	360 010 1520	30.5	33
OM 364	364 010 2120/1320	30.3	32.5
OM 364 A	364 010 5220	30.3	32.5
OM 366	366 010 1720/1620	44	47
OM 366 A	366 010 2920/6620	44	47
OM 366 A(WITH VALVE)	3660106820	44	47
OM 400	427 010 1020	13	15
OM 403	403 010 4020	13	15
OM 442 EVB/Top brake	442 010 0620/1320/0720	13	15
OM 457 / OM 460	457 010 4520 /460 010 1820 /460 010 0620/4570100721	17.7	20
OM 471	47304 /47202		
OM 501 / MP3	541 010 6420/5410105320/5410104021	18.4	22
OM 904	904 010 0232 [41050]	41.5	43
OM 924	904 010 3221	41.5	43
OM 906	906 010 7621[35510]	61	64
OM 906 [WITHOUT EVB]	A906 010 8221	61	64
OM 906 LAG GAS	A906 010 7121	61	64
OM 926	A906 0107221/A9060107021	61	64



Suitable for Morris

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
MGB Series	PH 34 NB	18.5	20
MGB Series	PH 35 NB	18.5	20
MGB Series	PH 36 NB	18.5	20
MGB Series	PH 37NB	18.5	20
MGB Series Classic Mini	303573397746	15	16



Suitable for Navistar

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
DT466 [24 V]	1881851 C1	108	118
DT466 [24 V]	1839769 C5D	108	118
DT466E [12 V]	N1823914C1B	104	113
DT466E [12 V]	688833C1/C2	104	113
DT466E [12 V]	1822363C1 (1818504C1,1824641C1)	104	113
DT466E [12 V]	1827113C1, (1827113C2)	104	113

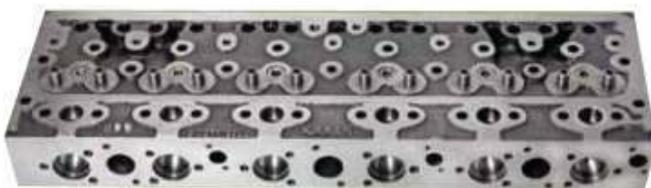
Suitable for Perkins Di (Direct Injection)

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
MF 240/AD 3.152	ZZ 80082 (37116140,37116180,)	20	23
D4.203	ZZ 80033 /ZZ 80047 (3711627A-2X,37116360)	27	30.5
4.236UNF/ 4.248MM	ZZ 80072 / ZZ80054/ZZ80175/3637486M9 (37116820-1,3711683-A,3711604-A,37116440, 3711696A-1, 37116990,3711804A-1)	32	35



Suitable for Perkins Indirect Injection Head

Engine No.	OEM Part No.	Net. Wt. (Kg.)	Gross Wt. (Kg.)
IMT 533/P3.152—	ZZ 80048	20.5	22.5
IMT 539/P3 1040 (UNF)	ZZ 80058	20.5	22.5
IMT 539/P3 1040 (MM)	ZZ 80058	20.5	22.5
IMT 560/P4 203	ZZ 80089	25.5	28.5



Suitable for Scania

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
DSC11 110/111/112	307925 /289162/ 390667	48	50
DSC11 113	1118309 / 1118313/ 1337361/1300612	50	52



Suitable for Shibaura

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
SHIBAURA	N764	15	16
SHIBAURA 404-C22/404D-22T	SBA111010480, SBA111010481, SBA111010511, 111017930, 111017870,217-1481, 319-7269	20	22
SHIBAURA 404-C		20	22

Suitable for Tata

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
Tata CNG Converted 6 Cyl.	-	45	48
Tata CNG Converted 4 Cyl.	-	31	33
TATA 1210 DI Modified	2525 0115 0168	44.5	48
TATA 1613 Turbo Charged	2525 0115 0125	44.5	48
TATA 1612	2525 0115 0159	44.5	49
TATA 407	2534 0115 0153	30.5	33.5
TATA 709	2527 0115 0116	30.5	33.5

Suitable for Volvo

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
TD 60	465.741 / 465.728	28	31
TD 100	467870	15	17
TD 45	4804708	39	43
TD 101/102	425.845 / 8.194.450 / 8.194.451	16	18
TD 120/121	470332 / 470244 / 478128	18.5	21
TD 122/123	478903 / 425559	18.5	21
D 13		153	157



Suitable for Yenmar

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
Yenmar	3T90T-J	21	23



CYLINDER BLOCK

Suitable for Mercedes Benz

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
OM-352	352 010 2708	116	134
OM-366	366 010 2608	116	134
OM-366 LA	376 010 0605	116	134
OM-364	3640101108	90	108
OM 314	3140106608	90	108



Suitable for Tata Engine Block

Engine No.	OEM Part No.	Net Wt. (Kg.)	Gross Wt. (Kg.)
Tata 1612	2525 0110 0220	116	134
Tata 1613 Turbo Charged	2525 0110 0241	116	134
Tata 1613 New Model	2525 0110 0252	116	134
Tata 1613 Euro 1	2525 0110 0268	116	134
Tata 407	-	90	100
Tata 709	2527 0110 0173	90	100
Tata 1109	2527 0110 0173/ 252701100145 /25270110 0127	90	100



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