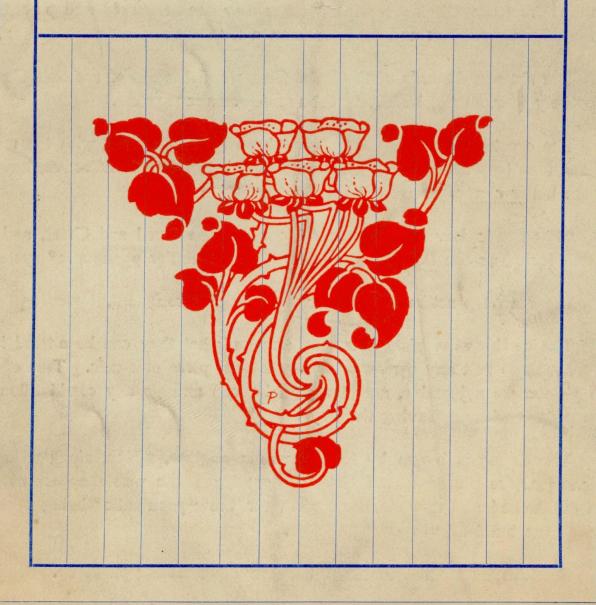
# LEEDS TOWN HALL ORGAN.

BUILT BY MESSRS. (\*)
ABBOTT & SMITH,
LEEDS. (\*)



# LEEDS TOWN HALL ORGAN.

(4)

HEN it was proposed to have entire new and modern mechanism introduced into this Organ the vexed question of "pitch" was occupying the minds of the musical world, and it was decided to have the Organ put on the "French Diapason Normal" pitch.

Having decided this important matter, it was found that to transpose all the stops would cost a lot of money, owing to the crowded state of the pipes; not only this, but the majority of the flue pipes were found to be very poor. The Corporate Property Committee, after going fully into the matter and carefully inspecting the defective pipes, decided to have entirely new pipes for nearly all the flue stops, and to make the instrument thoroughly up to-date, so practically the whole of the interior of the Organ is new, the soundboards, which are used again, having been taken out and re-made and re-pallated with improved "cleft" pallets.

The Echo Organ, which was originally placed in the swell box and controlled from the Choir Organ keys has now been removed and placed on the top of the swell-box and made to form a fifth manual.

The six soundboards of the Pedal Organ and the one of the Solo Organ are entirely new, on the builders' "tubular pneumatic" system.

The construction of the Organ has been entirely altered, with the result that the tone (especially in the Great and Swell) is far more effective, having a much better chance to get out than formerly.

"Pneumatic Lever" action is attached to the Swell and Great, and all the rest, including the Pedal, is on the builders' "tubular pneumatic" system."

The drawstop action is "tubular pneumatic" throughout.

The combination pistons are so arranged that they can be altered in a few minutes to suit any performer or any special piece of music. Two of the Solo pistons are adjustable, and the organist can arrange any combination on these pistons without leaving the keys.

The Organ is blown by four hydraulic engines, which, along with the feeders, &c., are placed in the Crypt of the Hall; the whole apparatus has been overhauled and re-made, the feeders for the "pneumatic" being entirely new, on the builders' "ribless" principle.

Best spotted metal is used for the new pipes from 4 ft. C up.

# SPECIFICATION OF THE ORGAN,

The Stops marked \* being old.

Consists of Five Complete Manuals and a separate Pedale.

Compass of Manuals, each CC to C. 61 Notes.

Compass of Pedale. CCC to G. 32 Notes.

	GREAT	ORGA	N.				SWELL	ORGA	N.	
			Feet	P	ipes				Feet	Pipes
1	Double Open I	Diapason		10.4	61	1	Bourdon		10	61
	77		16		61		Open Diapason		0	61
3	Large Open Di	iapason	8		61	3	Geigen Principa		0	61
4	Open Diapason		8		61	4	Violin e 'Cello		0	61
5		No. 2	8		61		Vox Angelica			61
6	,,	No. 3	8		61	6	Voix Celeste			49
7	,,	No. 4	8		61	7	Rohr Flote		_	61
	Gamba		8		61	8	Octave			61
9	Viola		8		61	9	Wald Flute			61
10	Stop Diapason		8		61	10	Twelfth	ALC: N	09	61
	Flute a Pavillo		8		61		Flautina		$\frac{1}{2}$	61
	Hohl Flote		. 8		61		Sesquialtra (4 H			244
	Quint		$5\frac{1}{3}$		61		Mixture (3 Ran			183
	Principal		4		61		Contra Fagotto		16	61
	Harmonic Flut		4		61		Trumpet		0	61
	Gamba		4		61		Cornopean		0	61
17	Twelfth		$\frac{1}{2\frac{2}{3}}$		61	*17	Oboe		0	61
100	Fifteenth		$\frac{2}{2}$		61		Vox Humana		8	61
	Piccolo		$\frac{1}{2}$		61		Clarion		4	61
	Mixture (5 Ran		_		305	10	Clarion		Τ.	
	Furniture (4 R				244	10	C4	D		1 152
	Contra Trombo		16		61	19	Stops.	P	ipes,	1,452
	i rombone		8		61					
	Trumpet		8 .	•••	61 61	**	SOLO O	ORGAN	7.	
24	Trumpet	• •••	8		61		SOLO (			Pines
$\begin{array}{c} 24 \\ 25 \end{array}$	Trumpet Posaune		8 8		61 61	1			Feet	Pipes
$\begin{array}{c} 24 \\ 25 \end{array}$	Trumpet		8		61		Doppel Flote	•••	Feet 8	61
24 25 26 —	Trumpet Posaune Clarion		8 8 4		61 61 61	2	Doppel Flote Concert Flute	•••	Feet 8 8	61 49
24 25 26 —	Trumpet Posaune		8 8		61 61 61	2 3	Doppel Flote Concert Flute Piccolo Harmon	  .ic	Feet 8 8 8 4 4 8	61 49 61
24 25 26 —	Trumpet Posaune Clarion		8 8 4		61 61 61	2 3 4	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon	  onic	Feet 8 8 8 4 2 1	61 49 61 61
24 25 26 —	Trumpet Posaune Clarion  Stops.	· · •	8 8 4 <i>ipes</i> ,		61 61 61	2 3 4 5	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon	  ic onic	Feet 8 8 4 4 2 16 16 16	61 49 61 61
24 25 26	Trumpet Posaune Clarion  Stops.		8 8 4 <i>ipes</i> ,	  2,	61 61 61 013	2 3 4 5 *6	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmo Bassoon Tromba	  onic	Feet 8 8 4 2 16 8	61 49 61 61 61
24 25 26 — <b>26</b>	Trumpet Posaune Clarion  Stops.  CHOIR	P.  ORGAL	8 8 4 <i>ipes</i> , V. Feet	 2,	61 61 61 013	2 3 4 5 *6 *7	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe	  ic onic	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61
24 25 26 — <b>26</b>	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac		8 8 4 <i>ipes</i> , V. Feet 16	 2,	61 61 61 013	2 3 4 5 *6 *7 *8	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet	  ic onic	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61 61
24 25 26 — <b>26</b> 1 2	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapason		8 8 4 <i>ipes,</i> V. Feet 16 8	 2,	61 61 61 013 Pipes 61 61	2 3 4 5 *6 *7 *8 *9	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide	  ic onic	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61
24 25 26 — <b>26</b> 1 2 3	Trumpet Posaune Clarion Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers	• • • • • • • • • •	8 8 4 <i>ipes</i> , V. Feet 16 8 8	2,	61 61 61 013 Pipes 61 61 61	2 3 4 5 *6 *7 *8 *9	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet	  ic onic	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61 61
24 25 26 — <b>26</b> 1 2 3 4	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana	ORGA!	8 8 4 <i>ipes</i> , V. Feet 16 8 8 8	<b>2,</b>	61 61 61 013 Pipes 61 61 61	2 3 4 5 *6 *7 *8 *9 *10	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons	 ie onie 	Feet 8 8 4 2 16 8 8 8 8 8	61 49 61 61 61 61 61 61 61 61
24 25 26 	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba	ORGA1	8 8 4 <i>ipes,</i> V. Feet 16 8 8 8	<b>2,</b> P	61 61 61 013 Pipes 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide	 ie onie 	Feet 8 8 4 2 16 8 8 8 8 8	61 49 61 61 61 61 61
24 25 26 	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac	P. ORGAL  ekt   ekt	8 8 4 4 <b>ipes,</b> V. Feet 16 8 8 8 8 8	<b>2,</b> P	61 61 61 013 013 013 013	2 3 4 5 *6 *7 *8 *9 *10	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons	 ie onie 	Feet 8 8 4 2 16 8 8 8 8 8	61 49 61 61 61 61 61 61 61 61
24 25 26 	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute	P. ORGAN  ekt n so ekt	8 8 4 <b>ipes,</b> V. Feet 16 8 8 8 8 8	<b>2,</b> P	61 61 61 013 Pipes 61 61 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons	 ic onic 	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61 61 61 61 61
24 25 26 	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn	P. ORGAN  ekt n ekt	8 8 4 4 ipes, V. Feet 16 8 8 8 8 8 8 8	<b>2,</b> P	61 61 61 013 013 013 013 013 013 013 013 013	2 3 4 5 *6 *7 *8 *9 *10	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons	 nic onic   	Feet 8 8 4 2 16 8 8 8 8 9 Pipes	61 49 61 61 61 61 61 61 65 61 65 61
24 25 26 	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers	P. ORGAN  Okt  o  o  okt  o  o  o  o  o	8 8 4 4 ipes, V. Feet 16 8 8 8 8 8 4 4 4	<b>2,</b> P	61 61 61 013 013 013 013 013 013 013 013 013 01	2 3 4 5 *6 *7 *8 *9 *10 —	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons  Stops.	 nic onic   	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61 61 61 51 61 61
24 25 26 	Trumpet Posaune Clarion Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers Quintatoen	P. ORGAL  ekt  co  ekt  co  ekt	8 8 4 4 <b>!ipes,</b> V. Feet 16 8 8 8 8 8 4 4 4 4	P	61 61 61 013 013 013 013 013 013 013 013 013 01	2 3 4 5 *6 *7 *8 *9 *10 —	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons  Stops.  ECHO (Bourdon	 nic onic  	Feet 8 8 4 2 16 8 8 8 8 9 Pipes 1. Feet 16	61 61 61 61 61 61 61 62 61 61 61 61 61 61
24 25 26 	Trumpet Posaune Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers Quintatoen Fifteenth	P. ORGAN  ekt  co  ekt  co  ekt	8 8 4 4 4 16 8 8 8 8 8 4 4 4 4 4 4 2	<b>2,</b> P	61 61 61 013 Pipes 61 61 61 61 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10 — 10	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons  Stops.  ECHO (Content)	 ic onic   	Feet 8 8 4 2 16 8 8 8 - Pipes 1. Feet 16 8	61 49 61 61 61 61 61 61 49 49
24 25 26 	Trumpet Posaune Clarion  Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers Quintatoen Fifteenth Ottavino	P. ORGAN  Okt  o	8 8 4 4 4 16 8 8 8 8 8 8 4 4 4 4 4 4 2 2	P	61 61 61 013 013 013 013 013 014 61 61 61 61 61 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10 - 10  *1 *2 *3	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons  Stops.  ECHO ( Bourdon Lieblich Gedack		Feet 8 8 4 2 16 8 8 8 - Pipes 16 8 8 8 8	61 49 61
24 25 26 	Trumpet Posaune Clarion  Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers Quintatoen Fifteenth Ottavino Glockenspiel (3	P. ORGAN  Okt  oc	8 8 4 4 4 4 4 2 2 -	P	61 61 61 013 013 013 013 013 013 014 61 61 61 61 61 61 61 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10 - 10  *1 *2 *3 *4	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Ottavino Harmon Oboe Clarionet Ophicleide Carillons  Stops.  ECHO O  Bourdon Lieblich Gedack Flute Traverso	 ic onic   	Feet 8 8 4 2 16 8 8 8	61 49 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61
24 25 26 	Trumpet Posaune Clarion  Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers Quintatoen Fifteenth Ottavino Glockenspiel (3 Clarionet	P. ORGA!	8 8 4 4 4 16 8 8 8 8 8 4 4 4 4 4 2 2 8	<b>2,</b> P	61 61 61 013 013 013 013 013 013 014 61 61 61 61 61 61 61 61 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10 — 10 *1 *2 *3 *4 *5	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Bassoon Tromba Oboe Clarionet Ophicleide Carillons  Stops.  ECHO (Control Bourdon Lieblich Gedack Flute Traverso Flute d'Amour	 ic onic  	Feet 8 8 4 2 16 8 8 8 8	61 49 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61
24 25 26 26 26 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Trumpet Posaune Clarion  Clarion  Stops.  CHOIR  Lieblich Gedac Violin Diapasor Flauto Travers Dulciana Viol-di-Gamba Lieblich Gedac Lieblich Flute Gemshorn Flauto Travers Quintatoen Fifteenth Ottavino Glockenspiel (3	P. ORGA!	8 8 4 4 4 4 4 2 2 -	P	61 61 61 013 013 013 013 013 013 014 61 61 61 61 61 61 61 61 61 61 61	2 3 4 5 *6 *7 *8 *9 *10 — 10 *1 *2 *3 *4 *5	Doppel Flote Concert Flute Piccolo Harmon Ottavino Harmon Ottavino Harmon Oboe Clarionet Ophicleide Carillons  Stops.  ECHO O  Bourdon Lieblich Gedack Flute Traverso	 ic onic  	Feet 8 8 4 2 16 8 8 8 8	61 49 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61 61

Pipes, 965 6 Stops.

15 Stops.

Pipes, 525

## PEDAL ORGAN

		Feet	Pipes		
*1	Open Diapason	32		32	
*2	Sub Bass	32	• • •	32	
3	Violone	16		32	
	Open Diapason (Wood)	16	•••	32	
STATE OF THE PARTY	,, (Metal)	16	•••	32	
6		16		32	
7	Quint Bass	$10\frac{2}{3}$	•••	32	
8	Bass Flute	8		32	
9	Violoncello	8		32	
10	Twelfth	$5\frac{1}{3}$		32	
11	Fifteenth	4		32	
12	Mixture (4 Ranks)	_		128	
*13	Contra Bombard	32		32	
*14	Bombard	16		32	
*15	Fagotto	16		32	
*16	Clarion	8		32	
17 30 -	Andre Maria Anna Carlo				

16 Stops.

Pipes, 608

#### COUPLERS.

- 1 Solo Sub Octave.
- 2 Solo Super Octave.
- 3 Solo to Great.
- 4 Swell to Great.
- 5 Swell Sub Octave
- 6 Swell Super Octave.
- 7 Swell to Choir.
- 8 Choir Sub Octave.
- 9 Choir Super Octave.
- 10 Choir to Great.
- 11 Solo to Pedal.
- 12 Swell to Pedal.
- 13 Great to Pedal.
- 14 Choir to Pedal.
- 15 Tremulant to Swell Organ.
- 16 Tremulant to Solo Organ

16 Stops.

## COMBINATION PISTONS.

4 Acting on the Great Organ.

4 ,, ,, Swell ,, 4 .. .. Choir ,,

6 ,, ,, Solo ,,

18 Pistons.

# COMPOSITION PEDALS.

- 4 Acting on Great and Pedal Organs.
- 3 Acting on Swell Organ.
- 1 Double-acting to work "Great to Pedal" Coupler.
- 1 Double-acting to work "Swell to Great" Coupler.
- 1 For "Carillons."

10 Pedals.

## WIND PRESSURES.

	Inches
Great Organ Flue Work	$3\frac{1}{2}$
Reeds	$\dots$ 4
Swell Organ Flue Work	$3\frac{1}{2}$
" Reeds …	$$ $4\frac{3}{4}$
Choir Organ	3
Solo Organ	$6\frac{3}{4}$
" "Ophicleide"	11
Echo Organ	2
Pedal Organ Flue Work	$3\frac{1}{4}$
" Reeds …	4

# SUMMARY.

GREAT OR	GAN		26	Stops		2,013	Pipes
SWELL	,,		19	,,		1,452	,,
CHOIR	,,		15	,,		965	,,
SOLO	,,		10	",	•••	537	.,,
ECHO	,,		6	,,		525	"
PEDAL	,,	•••	16	, ,,		608	,,,
COUPLERS	•••	•••	16	,,		<u> </u>	1

TOTAL, 104 Stops.

6,100 Pipes.